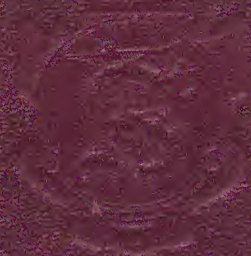


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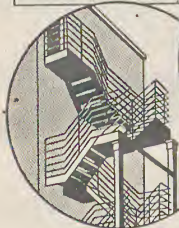
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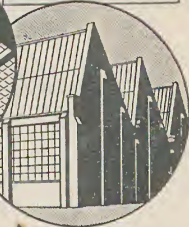
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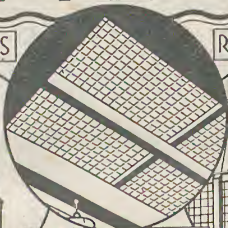
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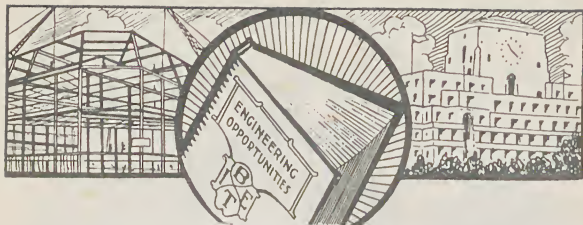


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1935

EDITED BY

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PREFACE



THE prices throughout the book, both measured and day works, have been thoroughly revised with the greatest care to correspond with those ruling at the time of going to press. There has been a slight fall in cost since the last edition and prices generally have been adjusted accordingly, and will be found in many cases slightly lower. The grading system introduced some time ago remains in force, and several areas have gone up a grade; therefore, if close estimates in any Districts are required, rates of wages appertaining to that area as shown on pages 11 to 17 should be used in conjunction with the Constants of Labour.

The Editor desires to express his sincere thanks to the Manufacturers and Merchants for the information they have given, and to the Reviewers and Users of the Pocket Book for the valuable suggestions and criticisms offered from time to time.

C. Y.

6, NEW SQUARE.

LINCOLN'S INN, W.C.2.

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SPONS' ARCHITECTS' AND BUILDERS' POCKET PRICE BOOK

THE prices following are for works of average London size and under ordinary conditions in the London district, including profit (assumed at 15 per cent., calculated on current cost of labour and material).

The trade discount off manufacturers' goods has been deducted (unless otherwise stated), but not the usual discount of $2\frac{1}{2}$ per cent. for cash.

Prices for country work (measured work) may be taken as from 10 to 15 per cent. less than the measured prices given, but where the site is remote, and materials not easily accessible, the question of extra carriage must be considered.

Day work prices for labour and material delivered in small quantities, including builders' profit (assumed as 20 per cent. as above mentioned), are appended at the end.

For convenience of reference the usual order of Trades has been adopted, the items in each trade appearing in the same order as in well drawn up Bills of Quantities.

There is also a detailed index.

Index.

Wages
and
prices.

Where wages are more or less than those stated in the schedule of Current Rates of Wages the Measured Prices may be adjusted by an increase or reduction of 5 per cent. for every 1*l.* per hour difference (more or less as the case may be) in the rate of wages. This will be found to be nearly correct unless there is also great difference in the cost of material.

For large quantities of material it is always advisable to obtain special quotations.

Constants
of Labour
and
Material.

These constants, largely founded upon those given in 'Hurst's Architectural Surveyors' Handbook,' have been carefully revised to bring them in line with present-day conditions, and, where possible, fractions of hours in place of decimal parts are given, being of simpler use in practice.

These constants were added to the present edition in response to the request of our readers, but are not often used by experienced estimators; they may possibly, however, be of service in dealing with day work accounts.

(P. R. 1532.)

COST OF BUILDINGS (approximate).

1. The rates are calculated from the total Note. cost of the buildings indicated, including foundations and drainage, but excluding any furniture or special fittings.

2. For reinstatements after fire, where it is usually found that the foundations, drainage, and other similar work is little injured, a reduction of 25 to 30 per cent. could probably be made. Reinstatement after Fire.

PER FOOT CUBE, SQUARE, AND UNIT OF ACCOMMODATION.

Description.	At per	London.	Provinces.
A			
*Artisans' dwellings (fire-resisting construction)	Foot cube	1s 5d. s. d. s. d.	1s. 3d.
Rowton Houses	—	1 4-1 8	—
Industrial or working class dwellings:—			
Self-contained tenements	Foot cube	1s. 5½d.	—
Associated tenements	Foot cube	1s. 5d.	—
			s. d. s. d.
*Assembly rooms	Foot cube	—	1 6-2 0
" in reinforced concrete	Foot cube	—	1 3-1 9
Assize Courts. Law Courts, London	Foot cube	1s. 1d.	{ actual cost
,, Manchester	Foot cube	{ actual cost }	9¼d.
Asylums (Lunatic)	Foot cube	—	1s. 8d.
B			
		s. d. s. d.	s. d. s. d.
Banks (complete with fittings) ..	Foot cube	2 0-2 6	1 6-2 0
Barns (farm buildings)	Foot cube	—	8d.
Barracks	—	1 2-1 6	—
Baths (and wash-houses) public ..	Foot cube	1s. 8d.	1s. 6d.
*Billiard rooms	Foot cube	2s.	1s. 6d.
Board schools	Foot cube	1s. 4d.	1s. 1d.
*Breweries:—			
Buildings only	Foot cube	1s. 9d.	1s. 4d.
Complete ditto " " " " {	Quarter up to 50 }	£800	£700
*Bungalows:—			
Brick	Foot cube	—	1s. 5d.
Stud and plaster or corrugated iron	Foot cube	—	10d.

* See also ROUGH APPROXIMATE ESTIMATES.

PRICE BOOK

PER FOOT CUBE, SQUARE, AND UNIT OF ACCOMMODATION—*continued.*

Description.	At per	London.	Provinces.
C			
Chambers or offices	Foot cube	1st Class 2s.	2nd Class 1s. 8d.
Chapels. (Brick)	Foot cube	London 1s. 6d.	Provinces 1s. 2d.
" (Corrugated iron)	Foot cube	10d.	8d.
Chimney shafts, up to 100 feet high {	Foot in height }	£17	£15
" " 200 " {	Foot in height }	£20	£17
" " 250 " {	Foot in height }	£24	£20
Churches. (See also " Chapels ") ..	Foot cube	Plain 1s. 6d.	Ornamental 2s. 6d.
Cinemas	—	s. d. s. d. 1 9-2 6	—
Clock towers. (Stone)	Foot cube	3s. 6d.	5s.
" (Brick and stone)	Foot cube	—	2s. 9d.
*Cottages. (Good)	Foot cube	—	Country s. d. s. d. 1 0-1 2
*Cottage hospitals	Foot cube	London —	Provinces 1s. 6d.
*Country houses, small. (Good class)	Foot cube	—	1s. 8d.
" mansions	—	2s. 6d.	—
Cow houses.. .. .	Foot cube	1st Class 1s. 1d.	2nd Class 11d.
D			
Dairies	Foot cube	London 1s. 8d.	Provinces 1s. 4d.
Drill halls	Foot cube	1s.	9d.
E			
Electricity stations	Foot cube	1s. 3d.	1s.
Engine sheds	Foot cube	10d.	8d.
F			
Factories	—	1s. 4d.	1s.
" in reinforced concrete, from	—	—	10d.
Farriers' shop	Foot cube	1s. 6d.	1s. 4d.
Farm buildings. Farm house ..	Foot cube	—	1s. 4d.
" Stables	Foot cube	—	1s.
" Cow houses	Foot cube	1s. 1d.	11d.
" Barns	Foot cube	—	8d.
Fire brigade stations.. .. .	Foot cube	1s. 6d.	1s. 4d.
Flats (residential. 1st class)	Foot cube	2s. 6d.	—

* See also ROUGH APPROXIMATE ESTIMATES.

PER FOOT CUBE, SQUARE, AND UNIT OF ACCOMMODATION—*continued.*

Description.	At per	London.	Provinces.
G			
Government Offices, etc. :—			
Basement	Foot cube	1s. 6d.	—
Superstructure	Foot cube	2s. 6d.	—
Towers, pavilions, etc. .. .	Foot cube	3s. 6d.	—
Foreign Office. Actual cost ..	Foot cube	1s. 0½d.	—
Houses of Parliament. Actual cost	Foot cube	2s. 6d.	—
New War Office. Actual cost ..	Foot cube	1s. 6½d.	—
New L.C.C. County Hall. Estimated cost	Foot cube	1s. 3d.	—
New G.P.O. Buildings, reinforced concrete throughout. Actual cost of carcase	Foot cube	2½d.	—
Granaries. Brick	Foot cube	1s. 4d.	10d.
„ Corrugated iron	Foot cube	—	7d.
Gymnasiums	Foot cube	1s. 4d.	1s.
H			
*Halls (village)	Foot cube	—	1s. 2d.
Harness rooms	Foot cube	1s. 6d.	1s. 2d.
Hay barns (Dutch barns) .. .	—	—	—
Hospitals. See also “Cottage Hospitals”	Foot cube	2s.	1s. 6d.
Hospitals temporary	Foot cube	1s.	8d.
„ St. Thomas’s (actual cost)	Foot cube	1s. 6d.	—
Hotels, 1st class	Foot cube	4s.	3s.
„ 2nd class	Foot cube	2s. 6d.	1s. 8d.
„ Victoria Hotel (actual cost)	Foot cube	3s.	—
*Houses (residential). See also “Artisans’ Dwellings,” “Cottages,” “Country Houses,” “Bungalows,” “Flats,” etc. :—		Foot cube	
Suburban	—	s. d. s. d. 1 4-1 8	Room —
Town mansions	—	2 0-3 4	—
„ „ (servants’ offices)	—	1 6-2 0	—
I			
Institutes (technical)	Foot cube	London 2s.	Provinces 1s. 6d.
K			
Kennels (for hunting establishments)	Foot cube	—	1s. 4d.
L			
*Labourers’ cottages	Foot cube	—	d. s. d. 10½-1 2
Laundries (complete)	Foot cube	2s.	1s. 8d.
Lavatories (basins and fittings) ..	Basin	—	£10-£15

* See also ROUGH APPROXIMATE ESTIMATES.

PER FOOT CUBE, SQUARE, AND UNIT OF ACCOMMODATION—*continued.*

Description.	At per	London.	Provinces.
Lavatories (public)	Basin	—	£10-£16
„ (private)	Basin	—	£20-£40
Law courts (Sessions houses)	Foot cube	2s. 4d.	1s. 8d.
„ London (cost)	Foot cube	1s. 1d.	—
Libraries (public)	Foot cube	2s.	1s. 5d.
Livery stables	Foot cube	1s. 4d.	1s. 2d.
Lunatic asylums. See “Asylums.”	—	—	—
M			
Maltings	Foot cube	—	10d.
„	Quarter	—	£160
Mansions. See “Houses.”	—	—	—
Market halls	Foot cube	—	1s. 2d.
Mills	Foot cube	—	1/-
Mission churches. See “Chapels”	—	—	—
„ rooms. See “Chapels.”	—	—	—
Municipal buildings	Foot cube	2/6-3/-	1/8-2/4
„ Lambeth buildings (cost)	Foot cube	1s. 1d.	—
„ Glasgow buildings (cost)	Foot cube	—	1s. 5d.
Music halls. See Cinemas.	—	—	—
O			
Offices. See “Chambers,” “Banks,” etc.	—	—	—
Offices (public). See “Government Offices,” etc.	—	—	—
Opera houses. See “Theatres” and “Music halls.”	—	—	—
P			
Parish halls. See “Halls.”	—	—	—
Picture galleries	Foot cube	2s. 6d.	2s.
Police courts	Foot cube	2s.	1s. 6d.
„ „ Bow Street (cost) ..	Foot cube	11d.	—
„ „ stations	Foot cube	1s. 8d.	1s. 4d.
Post offices	Foot cube	1s. 8d.	1s. 4d.
G.P.O. additions, 1905 (cost) ..	Foot cube	9d.	—
Power stations (generating, etc., buildings only)	Foot cube	1s. 4d.	1s. 2d.
Public conveniences (underground)	Lavatory, urinal or W.C.	£170	£120
Public halls (Town halls, etc.). See “Municipal Buildings.” Reinforced concrete	Foot cube	—	1s. 3d.
Public libraries. See “Libraries.”	—	—	—
R			
Reinforced concrete buildings. See “Government Buildings”	—	—	—
*Residences. See “Houses,” etc.	—	—	—
Residential flats. See “Flats.”	—	—	—
Riding Schools	Foot cube	1s. 2d.	1s.

* See also ROUGH APPROXIMATE ESTIMATES.

PER FOOT CUBE, SQUARE, AND UNIT OF ACCOMMODATION—*continued.*

Description.	At per	London.	Provinces.
S			
Schools. See also "Board Schools."	Foot cube	1s. 6d.	1s. 4d.
Sessions houses. See "Law Courts."			
*Shed buildings	Foot cube	—	6d.-8d.
" 10 feet to eaves ..	Square	—	£24-£30
Shops (1st class)	Foot cube	2s.	1s. 6d.
" (2nd class)	Foot cube	1s. 8d.	1s. 2d.
		Deal.	Mahogany.
Shop Fronts (with plate glass) ..	Foot super	12s.	18s.
Silos (grain)	Foot cube	—	8d.-10d.
	1st Class.	2nd Class	3rd Class
*Stabling (per stall or loose box) ..	£220	£180	£120
" " " foot cube	2s.	1s. 6d.	1s. 2d.
	At per	Temporary	Permanent
Stands (spectators)	Seat	21s.	60s.
T			
Theatres	Foot cube	London 2s. 6d.	Provinces 2s.
	Seat	£30	£20
Town halls. See "Municipal build- ings."	—	—	—
U			
Urinals (indoor) per person or stall	Slate	Fireclay	Marble
" underground. See "Public Conveniences."	£20	£30	£40
	—	—	—
V			
Villas. See "Houses," etc.	—	London.	Provinces
		—	—
Village halls	Foot cube	—	1s. 4d.
	Seat	—	£6
W			
*Warehouses, 1st class	Foot cube	1s. 8d.	1s. 6d.
" 2nd class	Foot cube	1s. 4d.	1s.
Water supply (private)	Tap	£6	—
Wells (9 in. brick, in cement walls) }	Foot in {	6 ft. diam. £3	10 ft. diam. £6
	depth }		
		London	Provinces
		s. d. s. d.	s. d. s. d.
Workhouses	Foot cube	1 6-1 9	1 3-1 5
*Workshops	Foot cube	1s.	8d.

* See also ROUGH APPROXIMATE ESTIMATES.

ROUGH APPROXIMATE ESTIMATES.*

The following is a list of prices for making an approximate preliminary estimate with the aid of rough quantities, which would of course be more useful in many ways than a mere cube of the building.

Approximate Prices.	At per	London.	Provinces.
		£ s. d.	£ s. d.
<i>Excavation, fill and ram</i>	Yard cube	0 3 6	0 3 0
<i>Ditto, and cart away</i>	"	0 12 0	0 10 0
<i>Concrete (cement)</i>	"	1 15 0	1 10 6
<i>Drains, 4 in. and 6 in. (average), including trenches and concrete, average 4 ft. deep</i>	Foot run	0 5 9	0 4 10
<i>Manholes and inspection chambers, 3 ft. × 3 ft. × 3 ft. 6 ins., complete</i>	Each	18 15 0	15 0 0
<i>Brickwork, including arches, facings, and pointing</i>	Rod	40 0 0	35 0 0
<i>Ditto, 14 in. thick</i>	Foot super.	0 2 11	0 2 7
<i>Chimney Stacks, including facings, forming flues, chimney pot and flaunchings</i>	Foot cube	0 3 6	0 2 6
<i>Local Stone in walls, including face work</i>	Yard cube	—	4 15 0
<i>Ashlar, and all labours</i>	Foot cube	0 19 6	0 16 9
<i>Roofs, including fir timbers, boarding, felt, slating, flashings, etc.</i>	Square of 100 ft. super.	16 0 0	14 10 0
<i>Ditto, ditto, tiling and ditto ..</i>	"	18 0 0	16 0 0
<i>Ditto, zinc flat</i>	"	14 0 0	13 0 0
<i>Ditto, lead flat</i>	"	28 10 0	25 0 0
<i>Ditto, copper</i>	"	21 10 0	19 0 0
<i>Ditto, asphalte</i>	"	14 0 0	13 0 0
<i>Floors, including concrete, sleeper walls, plates, joists, floor boards</i>	"	10 10 0	10 5 0
<i>Ditto, including lath and plaster ceiling, joists, boarding and distempering</i>	"	10 0 0	9 10 0
<i>Partitions, stud and plaster and skirtings both sides, and papering or distempering ..</i>	"	10 5 0	9 15 0
<i>Ditto, 4½ in. brickwork ditto</i>	"	10 15 0	10 0 0
<i>Ditto, 3 in. breeze block ditto</i>	"	9 10 0	9 0 0

* See also COST OF BUILDINGS

ROUGH APPROXIMATE ESTIMATES.*—*cont.*

Approximate Prices.	At per	London.	Provinces.
		£ s. d.	£ s. d.
<i>Plastering</i> and papering on walls. (This may be taken with the brick or stone walls) }	Square of 100 ft. super.	2 0 0	1 15 0
<i>Ceilings</i> , including ceiling joists, plastering, cornices and whitening }	"	9 10 0	8 15 0
<i>Doors</i> , 1½ in. four panel (deal) complete with frame, architraves, linings, furniture and priming and painting 3 coats. (Average 18 ft. sup.) }	"	7 0 0	6 10 0
Ditto, ditto, stain and twice varnish, ditto }	"	7 0 0	6 10 0
<i>Doors</i> , 2 in. glazed entrance or vestibule doors with side-lights and fanlights, transoms and frame. (Average 54 ft. sup.) each }		20 0 0	19 0 0
<i>Windows</i> , deal cased frames, architraves, linings, window boards glazed and painted 3 coats, complete with all furniture. (Average 20 ft. sup.) }	"	7 10 0	7 0 0
Ditto, casement frames and sashes, ditto, ditto }	"	7 5 0	6 15 0
<i>Staircases</i> (deal), complete, including treads and risers, carriages, strings, balusters and handrail, 3 ft. wide .. }	Tread and riser.	1 15 0	1 12 6
3 ft. 6 in. wide }	"	1 17 6	1 15 0
4 ft. wide }	"	2 0 0	1 17 6
Ditto, ditto, 2 in. solid fire-proof, oak or teak, 3 ft. wide }	"	4 0 0	3 15 0
3 ft. 6 in. wide }	"	4 15 0	4 10 0
4 ft. wide }	"	5 10 0	5 5 0
Ditto, stone cantilever span-dril steps, iron balusters and handrail, 3 ft. wide }	"	3 10 6	3 7 6
3 ft. 6 in. wide }	"	3 18 0	3 15 0
4 ft. wide }	"	4 5 6	4 2 6
Ditto, cast concrete steps granolithic faced with carbondum, iron balusters and handrail, 3 ft. wide }	"	3 0 6	2 17 6
3 ft. 6 in. wide }	"	3 8 0	3 5 0
4 ft. wide }	"	3 15 6	3 12 6

* See also COST OF BUILDINGS.

ROUGH APPROXIMATE ESTIMATES.*—*cont.*

Approximate Prices.	At per	London.	Provinces.
		£ s. d.	£ s. d.
Water supply service. As for private houses, including taps, service pipes, digging, etc., and mains and cisterns	From	25 0 0	—
Hot Water service, including small domestic boiler, primary flow and return, 40 gal. cylinder with connections to bath, lavatory basin, sink and secondary circulation coil in linen cupboard, but exclusive of cold water cistern	„	35 0 0	—
Baths, including $\frac{3}{4}$ in. H. & C. service, average 15 ft. with waste, trap, puff pipe and overflow	„	11 0 0	—
W.C. Apparatus, including proportion cost of branch soil and drain pipe, connections to service and overflow ..	„	12 10 0	—
Lavatory Basin, including $\frac{3}{4}$ in. H. & C. service, average 15 ft., with waste, trap, puff pipe and overflow	„	6 5 0	—
Kitchen Sink, ditto, ditto ..	„	5 0 0	—
Gas supply	Per point	2 0 0	1 10 0
Ditto, acetylene (exclusive of fittings)	„	—	3 10 0
Electric Light (Supply Co.'s current, including plain fittings)	„		
Steel welded tubing	„	1 12 6	—
Steel grip tubing	„	1 5 0	—
Lead covered wiring	„	1 7 6	—
Heating Apparatus. As for warming the interior of domestic buildings, complete with boiler, circulating pipes and radiators	Per radiator	10 0 0	—
Chimney pieces, including good class suite as for drawing or dining room, with tile cheeks and hearth and interior grate	From	15 0 0	—
Ditto for best bedroom ..	„	12 0 0	—
Mantle register grates for smaller rooms	„	5 0 0	—

* See also COST OF BUILDINGS.

CURRENT RATES OF WAGES, TOGETHER WITH
NAMES AND GRADES OF TOWNS IN ENGLAND
AND SCOTLAND.

Trade.	London district	Grade A.	Grade A1.	Grade A2.	Grade A3.	Grade B.	Grade B1.	Grade B2.	Grade B3.	Grade C.	Grade C1.
Well Sinker (<i>usually piecework</i>)	—	—	—	—	—	—	—	—	—	—	—
Excavators and Labourers	1/2 1/2	1/0 3/4	1/0 1/2	1/0 1/2	1/0 1/2	1/0 1/2	1/1 1/2	1/1 1/2	1/0 3/4	1/0 1/2	1/0 1/2
Pavior	1/2 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2
Scaffolder	1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2	1/1 1/2
Bricklayers	1/7	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Masons	1/7	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Mason's Fixer	1/8	1/6 1/2	1/5 1/2	1/5 1/2	1/5 1/2	1/4 1/2	1/3 1/2	1/3 1/2	1/3 1/2	1/2 1/2	1/2 1/2
Mason, Granite or Marble	1/8	1/6	1/5 1/2	1/5 1/2	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2
Stone Carver	2/7	—	—	—	—	—	—	—	—	—	—
Slater or Tiler	1/7	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Thatcher (<i>usually piecework</i>)	—	—	—	—	—	—	—	—	—	—	—
Carpenters and Joiners	1/7	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Plumber	1/7	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Zinc Worker	1/7	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Smith	1/7	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Plasterers	1/7 1/2	1/6	1/5 1/2	1/5 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Glaziers and Painters	1/6	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
French Polishers	1/6	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Gas Fitter	1/7	1/6	1/5 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2
Paperhanger	1/6	1/5 1/2	1/4 1/2	1/4 1/2	1/4 1/2	1/3 1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/1 1/2	1/1 1/2

* 1/2d. per hour less 12-15 miles radius Charing Cross.

NAMES AND GRADES OF TOWNS IN ENGLAND AND SCOTLAND.

Aberavon	A.	Barrow-in-		Bramley (Surrey)	B.
Aberdare	A1.	Furness	A.	Bramshott	B3.
Aberdovey	B1.	Barry	A.	Brandon	B3.
Abergavenny	A1.	Basingstoke	B1.	Brandon	A1.
Abergele	A2.	Bath	A2.	Braughing	B3.
Abingdon	A3.	Batley	A.	Brecon	B.
Accrington	A.	Beaconsfield	B.	Brentwood	A1.
Acol	B1.	Beccles	B3.	Bridgend	A.
Addlestone	A3.	Bedale	B3.	Bridgnorth	B.
Afan Valley	A.	Bedford	A2.	Bridgewater	B1.
Aldeburgh	C.	Bedlington	A1.	Bridlington	A1.
Alderley Edge	A.	Bedwas	A1.	Brierfield	A.
Aldershot		Belper	A.	Brighouse	A.
District	B2.	Berkhampstead	B1.	Brighton	A3.
Alfreton and		Berwick Dist.	A2.	Bristol	A.
Ripley	A.	Bettws-y-Coed	A3.	Brixham	B2.
Alnwick	A1.	Beverley	A.	Broadstairs	B1.
Alton	B3.	Bewdley	A2.	Bromsgrove	A2.
Altrincham	A.	Bexhill	B1.	Bromyard	B3.
Amble	A1.	Bicester	B3.	Brosely	A3.
Ambleside	B.	Bideford	B.	Broughton	
Amersham	B.	Bidford-on-Avon	B2.	(Cheshire)	A.
Amnianford	A.	Biggleswade	B1.	Broughton-in-	
Amptill	B3.	Billerica	B3.	Furness	A3.
Andover	B2.	Bilston	A.	†Buckfastleigh	B1.
Anglesey	B.	Bingley	A.	Buckingham	B2.
Annfield Plain	A1.	Birchington	B1.	Buckley	A.
Appleby	B3.	Birmingham	A.	Budleigh	
Ardingly	B1.	Bishop Auckland	A1.	Salterton	B1.
Ardleigh	B.	Bishops		Buglawton	A3.
Arlesey	B3.	Stortford	B1.	Buildwas	A3.
Arundel	B1.	Bishops		Builth Wells	B.
Ascot	B.	Waltham	B3.	Bulphan	A2.
Ashbourne	B1.	Bispham	A.	Bungay	C.
Ashby-de-la-		Blackburn	A.	Buntingford	B3.
Zouche	A3.	Blackdown	B2.	Bures	B3.
Ashford (Kent)		Blackheath	A.	Burgess Hill	B2.
District	B2.	Blackhill	A1.	Burnham	B1.
Ashford (Mddx.)	A3.	Blackhill Mill	A1.	Burnham Market	C.
Ashington	A1.	Blackpool	A.	Burnham-on-	
Ashstead	A3.	Blackrod	A.	Crouch	B3.
Ashton-under-		Blackwater	B2.	Burnhope	A1.
Lyne	A.	Bindley Heath	B1.	Burnley	A.
Askam	A3.	Blyth	A.	Burnopfield	A1.
Atherstone	A3.	Bognor Regis	B1.	Burry Port	A.
Attleborough	B3.	Bollington	A1.	Burslem	A.
Audlem	A2.	Bolton	A.	Burstow	B1.
Aycliffe	A1.	Bordon	B3.	Burton-on-Trent	A.
Aylesbury	B2.	Boroughbridge	B3.	Buxton	A1.
Aylsham	B3.	Bosham	B3.	Bury	A.
		Boston	A3.	Bury St. Ed-	
Bagillt	A3.	Bourne	B1.	munds	B2.
Bagshot	B2.	Bournemouth		Byfleet	B1.
Bakewell	A3.	District	A3.		
Bala	B1.	Bovey Tracey	B.	Calder Valley	A.
Baldock	B.	†Box	B1.	†Calne	B2.
Banbury	B1.	Boxford	C.	Camberley	
Barmouth	B.	Bracknell	B1.	District	B2.
Barnard Castle	A3.	Bradford	A.	Cambridge	A1.
Barnoldswick	A2.	†Bradford-on-		Cannock (and	
Barnsley	A.	Avon	B2.	Hednesford	A1.
Barnstaple	B.	Braintree	B.	Canterbury	B1.

Cardiff	A.	Corwen	B1.	East Kirby	A.
Carlisle	A.	Cottenham	C.	Eastleigh	A2.
Carmarthen	B.	Coundon	A1.	Eastwood	A.
Carnarvon	B.	Coventry	A.	Ebbw Vale and	
Carnforth	A.	Craghead	A1.	District	A1.
Carno	B3.	Cranbrook	B3.	Ebchester	A1.
Castle Cary	B3.	Crauleigh	B2.	Edenbridge	B1.
Castleford	A.	Crawley	B1.	Edge Hills	B2.
Caterham	A3.	§Crediton	B2.	Egham	A3.
Cavendish	C.	Crewe	A2.	Egremont	A3.
Cefn	A1.	†Crewkerne	B3.	Elmswell	C.
Chagford	B2.	Crickhowell	B.	Ely	B3.
Chalfonts	B.	Cromer	B2.	Emsworth	B3.
Chapel-en-le-		Crook	A1.	Epping	A2.
Frith	A1.	Crook Stanley	A1.	Esh	A1.
†Chard	B3.	Crosshills	A.	Esh Winning	A1.
Charlwood		Crowborough	B1.	Etherley	A1.
(Sussex)	B1.	Cuckfield	B1.	Eton	A2.
Chatham and		Cumberland	A3.	Evenwood	A1.
District	B.	Cwmbran	A.	Evesham	B.
Chatteris	C.			§Exeter	A2.
Cheadle	A.	Dalton	A.	Exmouth	B.
Cheddar Valley	B2.	Darlaston	A.	Eye	C.
Chelmsford	A3.	Darlington			
Cheltenham	A3.	District	A.	Fairford	B3.
Chepstow	A2.	§Dartmouth	A2.	Fair Oak	B3.
Chertsey	A3.	Darwen	A.	Fakenham	B3.
Chesham	B.	Daventry	A3.	Falmouth	B.
Chester	A.	Deal	B1.	Fareham	B1.
Chesterfield	A.	Debenham	C.	Faringdon	B2.
Chichester	B1.	Deepcut	B2.	Farnborough	B2.
†Chippenharn	B1.	Denbigh	A3.	Farnham	B2.
Chipping Nor-		Derby	A.	Faversham	B2.
ton	B3.	Devizes	B3.	§Felixstowe	A3.
Chorley	A.	Dewsbury	A.	Fenny Stratford	B2.
Christchurch	A3.	Didcot	B.	Fenton	A.
Church Stret-		Dipton	A1.	Ferryhill	A1.
ton	B1.	Disley	A1.	Festiniog	B1.
†Cirencester	B1.	Diss	B3.	Filey	A3.
Clacton	B.	Docking	C.	Fincham	C.
Clare	C.	Dolgelly	B1.	Fishguard	B3.
Cleator Moor	A3.	Doncaster	A.	Fleet	B2.
Clevedon	B1.	†Dorchester	B2.	Fleetwood	A.
Cleveleys	A.	Dorking	B1.	Flint	A1.
Cliddesden	B3.	Doultling	B2.	Folkestone	B1.
Clitheroe	A.	Dover	B1.	Fordingbridge	B2.
Coalbrookdale	A3.	Dovercourt	B.	Forest Row	B1.
Coalport	A3.	Downham Market	C.	Foulsham	C.
Coalville	A.	Driffild	A3.	Framlingham	C.
Cobham	A3.	Droitwich	A2.	Frodsham	A.
Cockermouth	B.	Dudley	A.	†Frome	B2.
Cockfield	A1.	Dudley Port	A.	Frosterley	A3.
Colchester	A3.	Dunmow	B3.	Frimley	B2.
Coleshill	A2.	Dunstable	B3.	Frinton	B.
Colne	A.	Durham City	A.		
Colne Valley	A.	Duxford	B1.	Gainsborough	A2.
Coltisball	C.			Garstang	A.
Colwyn Bay	A2.	Eastbourne	A3.	Gateshead	A.
Congleton	A1.	East Dereham	B3.	Gerrard's Cross	B.
Coniston	A3.	East Glamorgan		Gillingham	B.
Connah's Quay	A.	and Monmouth-		Glastonbury and	
Consett	A1.	shire Valleys	A1.	Street	B2.
Conway	A2.	East Grinstead		Glossop	A.
Copthorpe	B1.	District	B1.	§Gloucester	A2.
†Corsham	B1.	East Horndon	A2.	Godalming	B.

Goole	A2.	†Hereford	B.	Kirkby Stephen	B3.
Goring	B3.	Herne Bay	B1.	Kirkham	A.
Gornal	A.	Herriard	B3.	Knaresborough	A3.
Gorseinon	A.	Hertford	A2.	Knebworth	B3.
Gosport	A2.	Heysham	A.	Knighton	B3.
Gowerton	A.	Heywood	A.	Knitsley	A1.
Grange-over-		Higher Kinner-		Knowle	A1.
sands	A3.	ton	A.	Knutsford	A2.
Grantham	A3.	Hinckley	A.		
Grasmere	B.	Hingham	C.	Laindon	A2.
Gravesend	A1.	Histon	A3.	Lakenheath	C.
Grays	A.	Hitchin	B.	Lambourn	B3.
Grayshott	B2.	Hoddesdon	A2.	Lancaster	A.
Great Yar-		Holbrook	B1.	Lanchester	A1.
mouth	B1.	Holmfirth	A.	Langley Mill	A.
Grimsby	A.	Holt	C.	Langley Park	A1.
Groombridge	B1.	Holywell	A2.	*Langport	B3.
Guildford Dist.	B.	Honiton	B2.	Lavenham	C.
Guildsborough	A3.	Horley	B1.	Laverstoke	B3.
		Hornby	A.	†Lavington	B2.
Hadleigh	C.	Horncastle	B.	Leadgate	A1.
Hailsham	B3.	Hornchurch	A1.	Leamington	A1.
Halesworth	C.	Hordon-on-the-		Leatherhead	A3.
Halifax	A.	Hill	A2.	Leavesden Green	A1.
Halstead	B1.	Hornsea	A3.	Ledbury	B2.
Halton Park	B2.	Horsham	B2.	Leeds	A.
Ham Hill	B1.	Horwich	A.	Leek	A.
Hamsterley	A3.	Howden-on-Tyne	A.	Leicester	A.
Hamsterley		Huddersfield	A.	Leigh	A.
Colliery	A1.	Hull	A.	Leighton	
Handcross	B1.	Hungerford	B2.	Buzzard	B3.
Hanley	A.	Hunstanton	B3.	Leiston	B3.
Harlech	B.	Huntingdon	B2.	Letchworth	B.
Harleston	C.	Hunwick	A1.	Lewes	B3.
Harlow	B.	Hythe (Kent)	B1.	Leyland	A.
Harpden	B1.			Lichfield	A2.
Harrington	A3.	Ilfracombe	B.	Lincoln	A.
Harrogate	A.	Ilkeston	A.	Lindfield	B1.
Hartfield	B1.	Ilkley	A.	Lingfield	B1.
Hartlepool	A.	†*Ilminster	B3.	Linslade	B3.
Hartley Wintney	B3.	Immingham	A.	Linton	C.
Harwich	B.	Ingatestone	B1.	Liphook	B3.
Haslemere	B2.	Ipswich	A2.	Liskeard	B2.
Hastings	B1.	Ironbridge and		Liss	B3.
Hatfield	A2.	District	A3.	Littlehampton	B1.
Hathersage	A3.	Isle of Sheppey	B1.	Littleport	C.
Havant	B3.	Isle of Thanet	B1.	Llandilo	B.
Haverfordwest	B3.	Isle of Wight	B3.	Llandoverly	B.
Haverhill	C.	Ivybridge	B2.	Llandrindod	
Hawarden	A.	Ixworth	C.	Wells	B.
Hawkhurst	B3.			Llandudno	A2.
Hay	B2.	Keighley	A.	Llanelly	A.
Haydock	A.	Kelvedon	B3.	Llanfyllin	B3.
Hayfield	A1.	Kendal	B.	Llangollen	A3.
Hayle	B2.	Kenilworth	A.	Langurig	B3.
Hayling Island	B3.	Keswick	B.	Llanidloes	B3.
Haywards Heath	B1.	Kettering	A2.	Loddon	C.
Heanor	A.	Keynsham	A.	London	—
Heathfield	B3.	Kidderminster	A2.	Long Eaton	A.
Hebden Bridge	A.	Kineton	B2.	Longridge	A.
Hemel Hemp-		Kingsgate	B1.	Long Stratton	C.
stead	A3.	King's Lynn	B1.	Longton	A.
Henley	B.	Kington	B2.	Looe	B2.
Henley-in-Arden	B.	Kirby Moorside	B3.	Loughborough	A.
Henlow	B1.	Kirkby Lonsdale	B2.	Louth	A3.

Lowestoft	B1.	Monmouth Town	B2.	Oswestry	A3.
Ludlow	B1.	Montacute	B1.	Ottery St. Mary	B2.
Luton	A3.	Montgomery	B3.	Oundle	B.
Lytham	A.	Montgomery-		Over	A2.
		shire	B3.	Overton	B3.
Macclesfield	A1.	Monyash	A3.	Oxford	A2.
Machynlleth	B3.	Morecambe	A.	Oxted	B2.
Madeley	A3.	Morley	A.		
Maesteg and		Morpeth	A1.	Paignton	A2.
Valley	A.	Mortimer	B3.	Pangbourne	B3.
Maidenhead	A3.	Mostyn	A3.	Pateley Bridge	B3.
Maidstone	B.	Much Hadham	B3.	Pembroke Dock	B3.
Maldon	B1.	Much Wenlock		Pembroke Town	B3.
Mallwyd	B1.	Parish	B.	Penistone	A.
Malpas	A2.	Mundesley	B3.	Penrith	B.
Malton	A3.			Penzance	B2.
Malvern	A3.	Nantwich	A2.	Peterborough	A2.
Manchester	A.	Neath & Valley	A.	Petersfield	B3.
Manningtree	B3.	Needham Market	C.	Petworth	B3.
Mansfield	A.	Nelson	A.	Pickering	B3.
March	B3.	Newark-on-		§Plymouth	A.
Margate	B1.	Trent	A2.	Pontardawe and	
Market		Newbiggin-by-		Swansea Valley	A.
Bosworth	A3.	the-Sea	A1.	Pontefract	A.
Market Dray-		Newbury	B2.	Pontypool and	
ton	A3.	Newcastle	A.	District	A1.
Market Har-		Newcastle-under-		Pontypridd	
borough	A2.	Lyme	A.	District	A1.
Market Weigh-		New Forest		Poole	A3.
ton	B3.	District	B2.	Porthcawl	A.
†Marlborough	B2.	Newmarket	B1.	Portishead	A.
Marlow	B1.	New Mills	A1.	Portland (Stone-	
Maryport	A3.	Newport	A.	yards)	A.
Masham	B3.	Newport (Salop)	B.	Portsmouth	A2.
Matlock	A3.	Newport Pagnell	B2.	Port Talbot	A.
Medomsley	A1.	Newquay	B2.	Poulton	A.
†Melksham	B2.	New Radnor	B3.	Prescot	A.
Melton Con-		Newton Abbot	A1.	Prestatyn	A2.
stable	C.	Newtown	B3.	Prestbury	A1.
Melton Mow-		Normanton	A.	Presteign	B3.
bray	A2.	Northallerton	B3.	Preston	A.
Merionethshire	B1.	Northampton	A.	†Princetown	B1.
Merthyr and		Northop	A1.	Prittlewell	A2.
Aberdare Dist.	A1.	North Shields	A.	Puckeridge	B3.
Methwold	C.	North Walsham	B3.	Pudsey	A.
Mexborough	A.	Northwich	A2.	Pulborough	B3.
Middlesbrough	A.	Northwold	C.		
Middleton	A.	Norton-sub-			
Middlewich	A2.	Hamdon	B1.	Queensferry	A.
Midhurst	B3.	Norwich	A1.		
Midsomer		Nottingham	A.	Radcliffe	A.
Norton	B2.	Nuneaton	A.	Rainford	A.
Mildenhall	B2.			Ramsgate	B1.
Milford Haven	B.	Oakengates	A2.	Raunds	A3.
Millom	A3.	Oakham	A3.	Reading	A2.
†Minehead	B2.	Ockenden	A1.	Redditch	A2.
Milton-under-		Odcombe	B1.	Redhill	B.
Wychwood	B3.	Ogmore & Garw	A.	Redruth & Cam-	
Minster in		Oldbury	A.	bourne	B1.
Thanet	B1.	Oldham	A.	Reepham	C.
Mistley	B3.	Ongar	B1.	Reigate	B.
Mold	A1.	Ormskirk	A.	Retford	A3.
Monkton	B1.	Orsett	A2.	Rettenden	B3.
Monmouthshire		Ossett & Hor-		Rhondda Valley	A1.
Valleys	A1.	bury	A.	Rhyl	A2.

Richmond		Shrewsbury	A2.	Sunderland	
District	A3.	Sible Hedingham	B.	District	A.
Rickmansworth	A1.	Silverdale	A.	Sutton Coldfield	A.
Ripon	A3.	Silver End	B.	Sutton-in-	
Rochdale	A.	Sirhowy Valleys	A1.	Ashfield	A.
Rochester	B.	Sittingbourne	B2.	Swadlincote	A.
Romney	B2.	Skegness	A2.	Swaffham	C.
Romsey	B2.	Skipton	A2.	†Swanage	B.
Rossendale		Sleaford	A3.	Swansea	A.
Valley	A.	Slough	A2.	Swansea Valley	A.
†Ross-on-Wye	B.	Snettisham	B3.	Swanwick	A.
Rotherham	A.	Soham	C.	Swindon	A3.
Royston	B3.	Solihull	A1.		
Ruabon	A1.	Southam	A3.	Tadcaster	A3.
Rugby	A.	Southampton	A2.	Talgarth	B2.
Rugeley	A2.	Southend-on-		Tamworth	A1.
Runcorn	A.	Sea	A2.	Tanfield	A1.
Runwell	B3.	South Moor	A1.	Tankerton	B1.
Rushden	A3.	Southport	A.	Tantobie	A1.
Ruskington	A3.	South Shields	A.	Tarporley	A2.
Ruthin	A3.	Southwell	A3.	Taunton	B.
Rye	B2.	Southwold	B3.	†Tavistock	
		Sowerby Bridge	A.	Town	B2.
Saffron Walden	B3.	Spalding	B1.	Tebay	B2.
St. Albans	A1.	Spennymoor	A1.	Tees-side District	A.
St. Anne's	A.	Spen Valley	A.	†Teignmouth	A3.
St. Asaph	A3.	Stafford		Tenby	B3.
St. Austell	B2.	(Borough)	A1.	Tenterden	B2.
St. Helen's	A.	Stafford (Outer)	A2.	Tewin	A3.
St. Ives	B2.	Staines	A3.	†Tewkesbury	A3.
St. Ives	B2.	Staithes	A.	Thame	B1.
St. Lawrence	B1.	†*Stalbridge	B3.	Thaxted	C.
St. Neots	B2.	Stalham	C.	Thetford	B3.
St. Nicholas	B1.	Stamford	A3.	Thirsk	B3.
St. Peter's	B1.	Standon	B3.	Thornbury	B2.
†Salisbury City	B2.	Stanford-le-		Thorne	B3.
†Salisbury Plain	B2.	Hope	A2.	Thorney	C.
Sandbach	A2.	Stanhope	A3.	Thornton	A.
Sarre	B1.	Stanley	A1.	Thorpe Bay	A2.
Sawbridge-		Staplehurst	B3.	Thrapston	B.
worth	B.	Stevenage	B.	Three Bridges	B1.
Saxmundham	C.	Steyning	B3.	Tideswell	A3.
Scarborough	A1.	Stockbridge	B3.	Tilbury	A.
Scunthorpe	A.	Stockport	A.	Tilston	A2.
Seaford	B2.	Stocksbridge	A.	Tipton	A.
Seahouses	A1.	Stockton	A.	†Tiverton	B2.
Sedbergh	B2.	Stoke	C.	Todmorden	A.
Sedgeley	A.	Stoke Ferry	C.	Tonbridge	B.
Selby	A.	Stoke-on-Trent	A.	Topsham	B2.
Sevenoaks	B.	Stokesley	A.	Torquay	A1.
Shardlow	A.	Stoke-sub-Ham-		Torrington	B.
Sheerness (see Isle		don	B1.	†Totnes	B.
of Sheppey).		Stony Stratford	B2.	Totton	B2.
Sheffield	A.	Stotfold	B3.	Towcester	B2.
Shepton Mallet	B2.	Stourbridge		Tow Law	A3.
Sheringham	B3.	(Industrial)	A1.	Towyn	B.
Shifnal	A2.	Stourbridge (Non-		Trawsfynydd	B1.
Shildon	A1.	Industrial)	A2.	Tring	B3.
Shipley	A.	Stourport	A2.	†Trowbridge	B2.
Shipston-on-		Stowmarket	B3.	Truro	B2.
Stour	B2.	Stow-on-Wold	B3.	Tunbridge Wells	B.
Shoeburyness	A2.	Stratford-on-		Tunstall	A.
Shoreham	A3.	Avon	A3.	Turner's Hill	B1.
Shotley Bridge	A1.	Stroud	B.	Tyne and Blyth	
Shotton	A.	Sudbury	C.	District	A

Uckfield	B1.	Wendover	B3.	Wimborne	B.
Ulverston	A3.	West Auckland	A1.	Winchester	B.
Upminster	A1.	West Bromwich	A.	Wincle	A1.
Uppingham	A3.	† Westbury	B2.	Windermere	B.
Usk	B2.	Westcliffe-on-		Windsor	A2.
Uttoxeter	B.	Sea	A2.	Winsford	A2.
		Westerham	B2.	Winslow	B2.
Wadhurst	B3.	Westgate	B2.	Wirksworth	B1.
Wakefield	A.	† West Gloucester-		Wisbech	B3.
Wallingford	B1.	shire	B2.	Witham	B.
Walsall	A.	West Hoathly	B1.	Witley	B2.
Walsden	A.	Westhoughton	A.	Witney	B3.
Walsingham	C.	Weston-super-		Witton-le-Wear	A1.
Walton-on-		Mare	A2.	Woking	B.
	Naze	Wetherby	A3.	Wokingham	B.
Wantage	B2.	Weybridge	A3.	Wolsingham	A3.
Ware	A2.	† Weymouth	B1.	Wolverhampton	A.
† Warminster	B2.	Whaley Bridge	A1.	Wolverton Dist.	B2.
Warrington	A.	Whalley	A.	Wombwell	A.
Warwick	A1.	Wheatley	B3.	Woodbridge	B3.
Waterhouses	A1.	Whiston (<i>and Por-</i>		Woodhall Spa	B.
Watton	C.	<i>tions of the Whis-</i>		Woodstock	B3.
Weardale West of		<i>ton R.D.C.)</i>	A.	Wooler	A1.
Stanhope and		Whitby	A2.	Worcester	A2.
Teesdale West		Whitchurch	A3.	Workington	A3.
of		Whitchurch		Workop	A3.
Barnard Castle	B.	(Hants.)	B3.	Worlingham	B3.
Wednesbury	A.	Whitehaven	A3.	Worthing	B1.
Weedon	A3.	Whitstable and		Wrentham	B3.
Welling-		District	B1.	Wrexham (includ-	
borough	A2.	Whittlesey	C.	ing Cefn)	A1.
Wellington	A2.	Wickford	B3.	Wrexham	B2.
Wellington	B2.	Wickhambrook	C.	Wycombe	A3.
Wells (Som.)	B2.	Wickham Market	C.	Wymondham	C.
Wells (Norfolk)	C.	Widnes	A.		
Welshpool	B3.	Wigan	A.	Yarm	A.
Welwyn	B1.	Wigton	A3.	Yeadon	A.
Welwyn Garden		Willenhall	A.	Yeovil	B1.
City	A.	Willington	A1.	York	A.
Wem	A3.	Wilmslow	A.	Yoxford	C.

* The grade of these districts will remain B3 until February 1st, 1935, when it will become B2.

† In these districts there is a differential margin for Painters of 1d. below the current standard rate.

§ In these districts there is a differential margin for Painters of $\frac{1}{2}$ d. below the current standard rate.

EXCAVATOR.

(See also EXCAVATOR, in "Builders' Pocket Book.")

Constants of Labour and Material.

INCREASE IN BULK OF MATERIAL AFTER DIGGING

	Before Digging.	When Dug.
Earth and clay	1	1 $\frac{1}{4}$
Sand and gravel	1	1 $\frac{1}{6}$
Chalk.. .. .	1	1 $\frac{1}{3}$

HOURS OF LABOUR EXPENDED BY EXCAVATOR, NAVVY
OR LABOURER.

Per yard cube, super yard, etc.

Per Cubic Yard.	Hours of Labourer or Navvy.					
	Vegetable Earth, Loam (sand and clay), or Sand.	Clay and Hard Earth.	Earth mixed with Coarse Gravel. Stony Earth.	Chalk.	Mud in Wet State.	Rock requiring Blasting
<i>Excavating and throwing with a shovel to a height of 5 ft., or filling into trucks or barrows .. .</i>	1 $\frac{3}{4}$	2 $\frac{3}{10}$	2 $\frac{1}{8}$	3 $\frac{1}{2}$	4 $\frac{1}{2}$	7 $\frac{1}{2}$
<i>Filling barrows only</i>	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{5}{8}$	—	1 $\frac{1}{8}$	—
<i>Filling baskets only (as in bas- ketting out) ..</i>	1 $\frac{1}{3}$	1 $\frac{1}{10}$	1 $\frac{1}{6}$	—	—	—
<i>Removing 25 yd. with wheel-bar- rows, depositing, and returning ..</i>	1 $\frac{5}{12}$	$\frac{1}{2}$	$\frac{1}{2}$	—	$\frac{3}{4}$	—
<i>Ditto, ditto, with baskets, ditto ..</i>	$\frac{5}{8}$	1 $\frac{5}{8}$	1 $\frac{5}{8}$	—	1 $\frac{1}{2}$	—
<i>Levelling</i>	1 $\frac{5}{12}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	—	—	—
<i>Filling at backs of walls, etc. .. .</i>	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	—	1	—
<i>Ramming in layers 6 in. thick .. .</i>	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	—	—	—
Hours of Driver, Horse and Cart.						
<i>*Removing 220 yd. along the level, depositing load, and returning ..</i>	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	—	—	—
<i>Ditto, each addi- tional 220 yd., and ditto .. .</i>	3 $\frac{5}{12}$	2 $\frac{5}{8}$	2 $\frac{5}{8}$	—	—	—

* For inclined roads add 3 yd. to the horizontal length
for every foot rise, and consider then as level.

CONCRETE.

Constants of Labour and Material.

Per Cubic Yard (measured after consolidation)	Description of Concrete	Materials (measured before mixing)				Labourer : Mixing, Wheeling, Depositing, and Ramming Hours
		Lime or Cement	Water	Ballast, Gravel, Shingle, Stone, or Brick	Sand	
		Busbels	Gallons	Yds. cube	Yds. cube	
<i>Lime Concrete—</i>						
1	Stone or Lias lime to 6 Thames ballast..	4	25	1½	—	3½
1	" " 6 gravel ..	3	20	1½	—	3½
1	" " 6 shingle and 2 sand ..	3½	25	1	½	3½
<i>Cement Concrete—</i>						
1	Portland cement to 3 Thames ballast ..	7	25	1	—	3½
1	" " 6 " ..	4	25	1½	—	3½
1	" " 10 " ..	2½	30	1½	—	3½
1	" " 6 shingle and 2 sand ..	3½	25	1	½	3½
1	" " 7 gravel ..	2½	25	1	—	3½
1	" " 12 " ..	2	30	1½	—	3½
1	" " 6 broken * stone and 2 sand..	3½	25	1	½	3½
1	" " 6 broken * brick and 2 sand..	4	25	1½	½	3½

* Labour, breaking stone to pass a 2 in. ring, per yard cube, labourer 6½ hours } By hand.
" " bricks " 3½ " }

CONCRETE.

Constants of Labour and Material.

Per Yard Super	Materials and Labour as above Table	Labourer: Spreading, Levelling Hours extra
Concrete bed for pavings, etc., 6 in. thick }	$\frac{1}{8}$ th yard cube	$1\frac{5}{8}$
*Concrete floor, 4 in. thick..	$\frac{1}{9}$ th "	$1\frac{5}{8}$ (including hoisting)
* " " 6 in. " ..	$\frac{1}{6}$ th "	$1\frac{5}{8}$ (ditto)
Hardcore (bricks broken to pass 2 in. ring), 6 in. thick, filled in and rammed }	$\frac{1}{6}$ th " (broken brick only)	$\frac{3}{4}$

* Centring and strutting up (use and waste, etc.), see CARPENTER.

Other thicknesses of concrete *pro rata*.

Per Yard Super	Materials		Labour
	Cement Bushels	Sand Bushels	Bricklayer Hours
Floated face to concrete } in 1 of cement to 2 of sand, $\frac{3}{4}$ in. thick }	$\frac{5}{32}$	$\frac{10}{32}$	$\frac{5}{8}$

DRAINLAYER.

Constants of Labour and Material.

Description of Work	Materials			Brick-layer and labourer
	Pipe	If Neat Cement	If Cement and Sand	
	Ft. run	Bushels	Bushels	Hours
3 in. Stoneware socketed pipes laid and jointed in neat cement or in cement and sand	14.0	} $\frac{1}{7}$	} $\frac{1}{8}$	1 $\frac{1}{4}$
4 in. ditto, ditto ..	10.0			1 $\frac{1}{4}$
6 in. ditto, ditto ..	7.0			1 $\frac{1}{4}$
9 in. ditto, ditto ..	5.0			1 $\frac{1}{4}$
12 in. ditto, ditto ..	3.0			1 $\frac{1}{4}$

The material and labour for any number of feet run of drain may be calculated from above.

For digging and concrete (not included) see EXCAVATOR and CONCRETE.

Extra only on above to:—

Bends or elbows are equivalent to 2 ft. run of straight pipe.

Single junctions and taper pipes are equivalent to 3 ft. run of straight pipe.

Double junctions are equivalent to 4 ft. run of straight pipe.

6 in. gully trap, labour, setting and connecting (bricklayer), $\frac{1}{8}$ hour.

Manholes.—2 ft. \times 1 ft. 6 in. \times 2 ft., internal dimensions, 1 B. walls, concrete bottom and sides rendered, channels and bends set, and iron cover setting only (bricklayer and labourer), 6 $\frac{1}{4}$ hours.

Other sizes in proportion.

Digging not included in above time. See EXCAVATOR.

BRICKLAYER.

(See BRICKLAYER, in "Builders' Pocket Book.")

Constants of Labour and Material.

TABLE NO. 1. BRICK WALLS.

Per Rod Reduced.	Materials			Labour Hours	
	Bricks	Mortar, yds. cube	Water, gals.	Scaffolder, including use of Scaffold	Bricklayer and Labourer
Brickwork in lime mortar (1 to 3) with $\frac{1}{4}$ in. joints (exclusive of pointing). * For composition of mortar see below, Table 2	4350	2	200	11 $\frac{1}{4}$	75
Ditto, in cement mortar (1 to 3) ..	4350	2	200	11 $\frac{1}{4}$	87 $\frac{1}{4}$
* Ditto in underpinning in short lengths ..	4350	2	200	—	118
Ditto, circular, quick sweep	4600	2 $\frac{1}{10}$	220	11 $\frac{1}{4}$	138
Brickwork in lime mortar in 2 in. brick	5400	3 $\frac{1}{2}$	280	13 $\frac{1}{4}$	90
Per Rod Reduced				Hours, Labourer	
Taking down old brickwork in mortar, cleaning and stacking the bricks for re-use				62 $\frac{1}{2}$	
Ditto, ditto, in cement				75	

* Mortar allowed in above table is for wire cut bricks.
If frogged bricks add $\frac{3}{4}$ yard per rod.

Labourer.

Hours

Stacking bricks per 1000 3 $\frac{3}{4}$

TABLE NO. 2. MORTAR.

Per Yard Cube	Materials			Labourer Mixing
	Lime Bushels	Sand Bushels	Water Gals.	Hours
Making mortar by hand—				
1 of lime to 3 sand	7	20	60	10
	Cement			
1 of cement to 3 sand	6 $\frac{1}{2}$	19	40	15
1 of cement to 2 sand	8 $\frac{1}{2}$	17	40	15

BRICKLAYER.

Constants of Labour and Material.

TABLE NO. 3.

Per Foot Super	Materials		Bricklayer and Labourer Hours
	Bricks	Mortar Cub. feet	
Half-brick walls, in lime mortar, fair both sides, 4 in. joints* ..	5½	1/5	1/8
Ditto, in cement, ditto*			
One-brick walls, in lime mortar, ditto*	11	1/7	1/4
Ditto, in cement, ditto*			
Bricknogging. Bricks on edge in cement ..	4	1/8	1/5
Ditto, laid flat	5	1/5	1/8
Hollow walls. Extra only	4 ties per yard super.	2½ in. cavity measured as solid, and materials and labour same as Table 1.	
Half-brick trimmer arches in cement ..	6	1/3	1/5

* For details of mortar, see Table No. 2.

TABLE NO. 4. POINTING, ETC.

Per Yard Super	Materials Cement or Mortar or Putty Cub. feet	Bricklayer and Labourer Hours
Pointing, etc., including raking out old joints—		
Flat joint in mortar	1/5	1½
" " cement	1/8	1 3/5
Tuck " mortar	1/8	2½
" " cement	1/8	2 1/5
Add if scaffolding has to be erected, and removing same (including use of scaffold) ..	—	Labourer 1/5
Brickwork cleaned, coloured, and drawn	—	0/0
Clean down old walls, stop, and twice limewhite	—	5/6

BRICKLAYER.

Constants of Labour and Material.

TABLE NO. 5. ARCHES.

Per Foot Super.	Materials		Bricklayer and Labourer Hours
	Bricks	Mortar Cub. feet	
<i>Arches (face and soffit measured)—</i>			
Rough axed relieving ..	8	$\frac{1}{10}$	$\frac{5}{12}$
Half-brick trimmer (face only measured) }	6	$\frac{1}{12}$	$\frac{1}{6}$
Gauged, semi-circular, or segmental }	10	$\frac{1}{10}$	$1\frac{1}{2}$
Elliptical, Tudor or flat See also "Facings," Table No. 8.	12	$\frac{1}{10}$	$1\frac{3}{4}$

TABLE NO. 6.

PAVINGS LAID AND JOINTED IN CEMENT.

Per Yard Super.	Bricks or Tiles	Cement	
		Bushels	Bricklayer and Labourer Hours
Stocks laid flat in cement	32	$\frac{3}{4}$	$\frac{15}{16}$
" " on edge ..	48	1	$1\frac{1}{4}$
Paving bricks laid flat ..	32	$\frac{3}{4}$	$\frac{15}{16}$
" " on edge	48	$1\frac{1}{4}$	$1\frac{7}{8}$
Dutch clinkers laid flat..	75	$1\frac{1}{4}$	$2\frac{3}{8}$
Ditto, laid on edge	140	$1\frac{3}{4}$	$2\frac{13}{16}$
Ditto, laid herringbone..	136	$1\frac{1}{4}$	$2\frac{11}{16}$
Tile, $4 \times 4 \times \frac{1}{2}$ in.	81	$\frac{1}{6}$	$2\frac{1}{4}$

TABLE NO. 7.—FACINGS. Extra only over brickwork.

Per foot super.	Materials		Bricklayer Hours
	Bricks	Cement or Mortar cub. ft.	
Fair face and striking joints	—	$\frac{1}{5}$ th per yd. super.	$\frac{1}{10}$
Picked stocks and pointing	7		$\frac{1}{2}$
Facings of superior bricks	7		$\frac{1}{2}$
For Arches, see Table 4..			
" Cuttings, " 7..			
Fair cutting and rubbing per foot run }			$\frac{5}{16}$
Extra only to one course moulded bricks, string, plinth, etc. }	2		$\frac{1}{14}$
Extra only to two courses	4	—	$\frac{5}{8}$

BRICKLAYER.

Constants of Labour and Material.

TABLE NO. 8.—LABOURS.

	Bricklayer Hours .
Rough cuttings on brickwork, to rake skew- backs, splays, etc. .. <i>per foot super.</i> }	$\frac{1}{10}$
Fair cutting }	$\frac{1}{5}$
Rough cutting to bird's-mouth or squint <i>per foot run</i> }	$\frac{1}{4}$
Fair cutting }	$\frac{1}{5}$
" to groin point }	$1\frac{1}{4}$
Forming chase for pipes.. .. . }	$\frac{1}{4}$
Cutting rebate 3 in. girth, fair }	$1\frac{5}{8}$
<i>Cut and pin.</i> Edges, slate, stone, etc., $1\frac{1}{2}$ in. }	$\frac{5}{8}$
to 8 in. thick }	$\frac{5}{8}$
" Ends of timbers, etc., average }	$\frac{5}{8}$
6 in. \times 6 in. <i>each</i> }	$1\frac{1}{2}$
<i>Bed and point.</i> Sash and door frames }	2
" Large window ditto, 4 ft. }	
\times 7 ft. }	
<i>Setting and flaunching.</i> Chimney pots, }	$1\frac{1}{4}$
small <i>each</i> }	
" " Ditto, medium }	$1\frac{1}{2}$
" " Ditto, large }	$1\frac{1}{4}$
Cut and bond. New walls to old <i>per ft. super</i> }	$1\frac{5}{8}$
Level and prepare old walls for new work <i>per foot super.</i> }	$\frac{1}{2}$

ASPHALTER.

Constants of Labour and Material.

—	Materials			Labour		
	Seyssel Asphalto	Mineral Tar	Coal for Heating	Spread- ers (Two)	Mates (Two)	Cauldron Man (One)
	cwt.	lb.	cwt.	hours each	hours each	hours
Damp proof course, } $\frac{1}{2}$ in. thick <i>per foot super.</i> }	$1\frac{1}{4}$	$1\frac{1}{8}$	$7\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$
$\frac{1}{2}$ in. paving (or road <i>per yd. super</i>) }	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$
$\frac{3}{4}$ in. ditto " }	$\frac{3}{4}$	1	$\frac{1}{6}$	$1\frac{5}{8}$	$1\frac{5}{8}$	$1\frac{5}{8}$
1 in. ditto, in two $\frac{1}{2}$ in. layers <i>per yard super.</i> }	1	$1\frac{1}{3}$	$\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$

(See ASPHALTE in "Builders' Pocket Book.")

MASON.

(See also MASON and STONE, in "Builders' Pocket Book.")

Constants of Labour and Material.

Ref. No.	Ancaster				Bath	Caen	Darley Dale or Mansfield	Hopton Wood	Portland	York-shire	Ref. No.
	Hoisting and setting and cleaning down in mortar per foot cube										
	Add if in scantling lengths										
	" if in cement				1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	9
	Sawing (whole) .. .. .				.13	.13	.13	.13	.13	.13	10
	Plain face rubbed .. .. .				.13	.13	.13	.13	.13	.13	11
	Ditto, ditto, circular .. .. .				.45	.44	1.0	.75	.75	.94	16
	Ditto, ditto, circular circular .. .. .				.94	.94	2.06	2.25	1.56	2.0	17
	Rough sinking				1.25	1.15	2.50	2.87	2.20	2.5	18
	Sunk face rubbed				3.75	3.25	7.62	7.25	5.88	6.25	19
	Ditto, ditto, circular .. .. .				.94	.88	1.90	2.12	1.5	1.77	20
	Ditto, ditto, circular circular				1.25	1.15	2.62	2.74	2.04	2.50	21
	Moulded work rubbed				1.30	1.25	2.87	3.0	2.19	2.75	22
	Ditto, ditto, circular				3.75	3.37	8.0	8.12	6.12	7.62	23
	Ditto, ditto, circular				1.5	1.37	3.25	3.44	2.5	3.12	24
	Ditto, ditto, Gothic				2.25	2.11	4.87	5.0	3.75	4.70	25
	Ditto, ditto, circular				3.0	2.75	6.5	6.87	5.0	—	26
	Columns (circular to shafts)				4.0	3.31	8.65	8.87	6.62	—	27
	Chamfer or rebate, 2 in. girth				2.06	1.69	3.75	3.87	3.37	—	28
	Moulding .. .. .				.25	.19	.50	.50	.38	4.06	29
	Ditto, circular .. .. .				.31	.25	.68	.75	.50	.44	30
	Throat or groove .. .. .				.44	.38	.88	.88	.68	.75	31
	Mortices and running with lead .. .. .				.19	.13	.38	.38	.25	.31	32
	Ashlar .. .. .				.75	.62	1.62	1.62	1.62	1.56	33
	Add if hammer dressed .. .. .				.75	.62	1.62	1.87	1.25	—	34
	Add if curved .. .. .				.25	.19	.50	.56	.38	—	35
	Add if curved .. .. .				.38	.31	.75	0.87	.58	—	36

Notes.—* Work done on the banker about 1/3rd less than above times. Ashlar Masonry requires for every cubic foot about 1 1/10 cub. ft. of undressed stone, and from 1/2 to 1 1/10 cub. ft. of mortar. Pointing for Ashlar requires per yard run of joint from 1/10 to 3/10 cub. ft. of mortar according to thickness of joint.

LABOURS ON STONE IN POSITION.* Hours of Mason and Labourer.

The reference numbers in left and right hand columns refer to table on pp. 74 and 75, which see.

MASON.

Constants of Labour and Material.

LABOUR ON GRANITE.*

Per foot super.	Time of Granite Mason	
	Aberdeen	Cornish or Guernsey
	hours	hours
Plain face, once axed	1·87	1·61
Ditto, ditto, <i>circular</i>	2·19	1·84
Ditto, fine axed	2·50	2·19
Ditto, ditto, <i>circular</i>	3·12	2·81
Sunk work, roughly axed	2·81	2·50
Ditto, ditto, <i>circular</i>	3·44	3·12
Ditto, fine axed	3·44	3·12
Ditto, ditto, <i>circular</i>	4·06	3·75
Moulded work	5·31	4·75
Ditto, <i>circular</i>	6·87	6·25

	Mason	Labourer
	hours	hours
Setting only granite bases to stanchions or columns } <i>per foot cube</i> }	0·50	0·50
Groove, 2 in. girth <i>per foot run</i>	1·25	—
Holes or mortices not exceeding 5 in. cube.. .. . }	1·06	—

* Granite is usually worked at the quarries.

Walling and Rubble Work. (For quantities of stone and mortar *per cubic yard*, see "MASONS' MEMORANDA" in "Builders' Pocket Book.")

RUBBLE STONE.

Per cubic yard	Labourer
	hours
Filling barrows.. .. .	0·75
Removing 25 yds. and returning with empty barrow }	0·50
Unloading barrows	0·25

RUBBLE WALLING. Labour only.

Per yard cube	Mason	Labourer
	hours	hours
Built dry in courses in founda- tions, etc. }	3·0	3·0
Built with mortar in ditto	3·5	3·5
Ditto, above foundations	3·87	3·87
Ditto, with all beds horizontal ..	6·0	6·0
Add if built in cement	1·0	1·0
Taking down walling in mortar and cleaning and stacking the stone }	—	7·50

PAVING.

Constants of Labour and Material.

PAVINGS, YORKSHIRE OR OTHER.

Labour, squaring, and setting only in mortar.

	Mason	Labourer
	hours	hours
2 in. <i>per yard super.</i>	$\frac{1}{2}$	$\frac{1}{2}$
2½ „ „	$\frac{1}{2}$	$\frac{1}{2}$
3 „ „	$\frac{1}{2}$	$\frac{1}{2}$
4 „ „	$\frac{1}{2}$	$\frac{1}{2}$
Taking up and stacking ditto ..	$\frac{1}{8}$	$\frac{1}{8}$

GRANITE OR OTHER SETTS, in courses averaging 6 in.

Per Yard Super.	Pavior	Labourer
	hours	hours
6 in. deep, laid in gravel	$1\frac{5}{8}$	$1\frac{5}{8}$
7 „ „	1	1
8 „ „	$1\frac{1}{8}$	$1\frac{1}{8}$
9 „ „	$1\frac{1}{4}$	$1\frac{1}{4}$
Add if grouted and set in mortar	$\frac{1}{4}$	$\frac{1}{4}$
Pebble paving laid in gravel ..	$\frac{6}{8}$	$\frac{6}{8}$

For Quantity of Material per yard super., see PAVINGS, MEMORANDA ("Builders' Pocket Book").

BREAKING HARD STONE, ETC.

Per Cubic Yard	Labourer
	hours
Breaking limestone, etc., small enough to } pass a 1½ in. ring }	8½
Ditto granite and very hard stone	10½
Spreading broken stone 3 in. thick } <i>per yard super.</i> }	1½

For Asphalte Pavings, see ASPHALTER.

For Brick and Tile Pavings, see BRICKLAYER, Table 6.

SLATER AND SLATE MASON.

Constants of Labour and Material.

Per square.

Description of Slate	Slater and Labourer. Preparing and Laying	Number of Slates per Square with 3 in. lap	Nails per Square	
			Compo	Copper
	hours		No.	lb.
Ladies, 15 × 8 in. } (2 nails each) .. }	3 $\frac{3}{4}$	300	600	4 $\frac{1}{2}$
Countesses, 20 × 10 in.	3 $\frac{1}{2}$	171	342	3 $\frac{3}{4}$
Duchess, 24 × 12 in.	2 $\frac{1}{2}$	125	250	3
Queens(average size). } 36 × 24 in. }	1 $\frac{7}{8}$	37	74	2 $\frac{1}{2}$

For Vertical Slating, add 50 % labour.

Roof Tiling	hours	tiles	Compo. Nails per square
3 $\frac{1}{2}$ guage	6	660	1200

Add for Vertical 50 % labour.

Per Foot Super.	Slate Mason
	hours
Planing slate slab.. .. .	1 $\frac{5}{8}$
Polishing ditto with sand	1 $\frac{5}{8}$
Rubbing	1 $\frac{1}{4}$

CARPENTER.

Constants of Labour and Material.

SAWING. *Per 100 ft. super.*

	Hours		Hours
Fir	7½	Ash, beech, or birch	10½
Pitch pine	12	Elm	10½
Oak (English) ..	13½	Teak	15
Oak (American) ..	10¾	Mahogany(Honduras)	10½

Labour per cubic foot		Carpenter
		Hours
Fir timber fixed in lintels, plates, bond timbers, and ground joists, etc. }		$\frac{1}{2}$
Ditto, ditto, into roof rafters, purlins, ceiling joists, and partitions }		$\frac{3}{4}$
Ditto, ditto, rough framed in floors		$\frac{3}{4}$
Ditto, ditto, in roof trusses, ditto.. ..		2
<i>Curved work</i> .. <i>Oak. To labours on</i> <i>fir for small tim-</i> <i>bers }</i> Ditto, for large ditto		Add 50 per cent. to all above " 50 " " " 33 $\frac{1}{2}$ " "

CARPENTER.

Constants of Labour and Material.

PLANING, BORING, ETC.

Description	Carpenter
	Hours
Planing fir. <i>per foot super.</i>	$\frac{1}{4}$
Ditto, including <i>squaring</i> "	$\frac{1}{2}$
Boring holes $\frac{1}{4}$ in. in diameter <i>per foot run</i>	$\frac{1}{4}$
Ditto, ditto, through <i>oak</i> "	$1\frac{1}{2}$
Forming single tenon, including mortice, } under 16 sq. in section, in <i>fir</i> <i>each</i> }	1
Ditto, 81 in. in section, ditto "	2
Ditto, 144 in. ditto, ditto "	3
Form double tenon, including mortice, ditto, } ditto, <i>add</i> to above times }	100 per cent.

CENTRING AND FIXING.

Description	Carpenter	Labourer
	Hours	Hours
To cylindrical vaults or arches } <i>per square</i> }	40	$9\frac{3}{8}$
To groined arches "	60	$12\frac{1}{2}$
To skew arches "	50	10
To sewers, drains, etc. <i>per ft. sup.</i>	1	—
To trimmer arches "	$\frac{5}{8}$	—
To concrete floors, flat, and strut- } ting, <i>fixing only</i> <i>per square</i> }	$7\frac{1}{2}$	$7\frac{1}{2}$
Turning piece, $4\frac{1}{2}$ in. soffit } <i>per foot run</i> }	$\frac{1}{4}$	—
Extra to groin point "	$1\frac{1}{4}$	—

FIXING ONLY.—Rough boarding to roofs, slating battens felt, sound boarding, gutter boards and bearers bracketing, rolls, herring bone strutting, etc., etc.

Description	Carpenter and Labourer
	Hours
1 in. rough boarding to roofs, edges shot } <i>per square</i> }	$4\frac{1}{6}$
$1\frac{1}{2}$ in. ditto, ditto "	$4\frac{11}{16}$
Slating battens for Countess slating "	$2\frac{1}{4}$
Felt to roofs "	$1\frac{1}{8}$
Sound boarding and fillets "	10
Centring to concrete floors (flat) and supports } <i>per square</i> }	$7\frac{1}{2}$
Gutter boards and bearers <i>per foot super.</i>	$\frac{1}{3}$
Bracketing for cornices "	$1\frac{1}{8}$
Rolls for lead <i>per foot run</i>	$1\frac{1}{2}$
Herring-bone strutting to 9 in. joists "	$1\frac{1}{6}$
Grounds for skirtings, etc. "	$\frac{1}{6}$
Ditto, framed "	$\frac{1}{8}$
Fascias, 6 in. and under "	$1\frac{1}{2}$
Scarflings, 1 ft. 6 in. long in timber, 36 in. } section area and under <i>each</i> }	$2\frac{1}{2}$
Ditto, ditto, 16 in. ditto "	$1\frac{1}{4}$

JOINER.

Constants of Labour and Material

FLOORS IN DEAL, in batten widths, laid straight joint,
and cleaned off only. *Per square.*

Description *	Joiner						
Thickness in.	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
Rough, edges shot ..	$3\frac{3}{4}$	$3\frac{7}{16}$	$4\frac{3}{8}$	5	$5\frac{5}{8}$	$6\frac{1}{2}$	$7\frac{3}{16}$
Wrought, ditto ..	5	$5\frac{5}{16}$	$5\frac{5}{8}$	$6\frac{1}{4}$	$6\frac{1}{2}$	$7\frac{2}{3}$	$8\frac{7}{16}$
Ditto, tongued and grooved or rebated and filleted }	—	—	$7\frac{3}{16}$	$7\frac{1}{2}$	$8\frac{7}{16}$	$9\frac{1}{8}$	$10\frac{1}{8}$
If laid in narrow widths <i>add</i> }				25 per cent.			

FLOORS IN ENGLISH OAK, prepared from boards sawn to
thickness required, and laid complete with straight joints
and tongued heading in 7 in. widths. *Per square.*

Description	Joiner				
Thickness in.	1	1½	1¾	2	2½
	hrs.	hrs.	hrs.	hrs.	hrs.
Rough, edges shot	13¾	15½ ¹ / ₈	18½ ³ / ₈	22½ ³ / ₈	27¾ ³ / ₁₆
Wrought ditto.. ..	21¾ ⁷ / ₈	23½ ¹ / ₈	27½ ³ / ₁₆	32½ ¹ / ₂	37½ ¹ / ₄
Wrought, ploughed and tongued, or rebated and filleted }	—	36	37½ ¹ / ₂	41½ ² / ₃	48

* For quantity of nails required per square, see NAILS
("Builders' Pocket Book").

SKIRTINGS, including backings, etc., fixed complete.
Per foot super.

Description	Joiner		
Thickness in.	$\frac{3}{4}$	1	$1\frac{1}{2}$
	hrs.	hrs.	hrs.
Plain square	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{5}{8}$
Beaded or chamfered	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
Torus moulded	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{5}{8}$
Moulded (otherwise)	$\frac{5}{8}$	$1\frac{1}{8}$	$1\frac{5}{8}$
Add if scribed to treads and risers of stairs }	$\frac{3}{8}$	$\frac{5}{12}$	$\frac{1}{2}$

JOINER.

Constants of Labour and Material.

CASEMENTS AND DOUBLE-HUNG SASHES AND SKYLIGHTS,
assembling and hanging complete.—*Per foot super.*

Description	Joiner			
	Deal		Wainscot or Mahogany	
	1½	2 & 2½	1½	2 & 2½
Thickness in.	hrs.	hrs.	hrs.	hrs.
Moulded or chamfered bar	$\frac{6}{8}$	$\frac{6}{8}$	$\frac{3}{4}$	1
Curved heads (measured square) }	1½	1½	1½	2
Sashes, etc., in two heights	$\frac{7}{8}$	1	1½	1½ ⁹
<i>Circular on plan</i> , to flat sweep }	Add 50 per cent. to above times.			
Ditto, quick ditto }	Add 100 per cent. ditto.			

Sash Case-
ments and
Skylights.

FRAMES, CASED, WITH OAK SILLS, PULLEY STYLES, ETC.,
assembling and fixing complete.—*Per foot super.*

Prepared for Sashes	Joiner			
	Deal		Wainscot or Mahogany	
	1½	2 or 2½	1½	2 or 2½
Thickness in.	hrs.	hrs.	hrs.	hrs.
Single hung }	$\frac{7}{8}$	$\frac{15}{8}$	1½	1½ ⁹
Double hung }	$\frac{5}{8}$	1½	1½	1½ ³
If with segmental heads (measured square) }	Double above times.			

Frames
(cased
sashes).

FRAMES, SOLID, FOR CASEMENTS OR DOORS, assembled
and fixed.—*Per foot cube.*

Description	Joiner
	hours
<i>Deal</i> , wrot. and rebated and chamfered or beaded }	2½
Ditto, double rebated and ditto, and ditto transoms }	3
Ditto, <i>circular</i> to segmental head }	5
Ditto, <i>semi-circular</i> headed }	11½
<i>Oak</i> door and casement frames }	Add 50 %

Frames
(solid for
doors and
casements)

JOINER.

Constants of Labour and Material.

DOORS AND GATES, made and hung complete.
Per foot super.

Doors and Gates.	Description		Joiner					
	Thickness in.		1	1½	1½	2	2½	3
			hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
Ledged.	Deal, wrot. and ledged ..		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	—	—
Framed	Ditto, ditto, and braced ..		$\frac{3}{4}$	$\frac{5}{8}$	$\frac{1}{2}$	1	—	—
and	Ditto, framed and braced		—	—	1	1½	1½	1½
braced.	(rebated and beaded) ..		—	—	1½	1½	1½	1½
	Ditto, ditto, hung folding		—	—	1½	1½	1½	1½
Panelled.	Ditto, framed in panels,		—	1	1½	1½	1½	—
	in 2 panels moulded		—	—	—	—	—	—
	both sides		—	1½	1½	1½	1½	—
	Ditto, ditto, 4 panels ditto		—	—	—	—	—	—
	Ditto, ditto, 6 panels ditto		—	—	—	—	—	—
	Add to panel doors if hung		—	½	½	½	½	½
	folding		—	—	—	—	—	—
Circular	Labour to circular heads		—	—	—	—	—	—
headed.	of doors (measured		—	—	—	—	—	—
	square)		—	—	—	—	—	—
	Oak doors		—	—	—	—	—	—
			Twice above times.					
			" " "					

LININGS, jamb and soffit, rebated and grooves fixed complete, including backing and plugs; Grounds, architraves and mouldings, ditto.—Per foot super.

Linings (door).	Description		Joiner					
	Thickness in.		¾	1	1½	1½	2	2½
			hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
	Deal, plain linings ..		$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{5}$
	Ditto, rebated ditto ..		—	—	$\frac{1}{2}$	$\frac{3}{2}$	$\frac{3}{5}$	$\frac{3}{4}$
	Ditto, double ditto ..		—	$\frac{3}{8}$	$\frac{3}{5}$	$\frac{5}{5}$	$\frac{3}{4}$	$\frac{9}{10}$
Grounds.	Ditto, panelled		—	1½	1½	1½	1½	1½
Archi-	Ditto, ditto, and moulded		—	—	1½	1½	1½	2
traves and	Framed grounds		—	$\frac{9}{16}$	1	1½	—	—
Mouldings.			—	—	—	—	—	—

JOINER.

Constants of Labour and Material.

WINDOW LININGS.—*Per foot super.*

Description	Joiner	Lining (window).
	hours	
1 in. Deal, 2-panel square, framed	1 $\frac{1}{4}$	
Ditto, if bead butt or moulded	1 $\frac{3}{8}$	
1 in. Deal, 3-panel square, framed	1 $\frac{1}{2}$	
Ditto, ditto, moulded	1 $\frac{9}{8}$	
1 in. Deal, 4-panel square, framed	1 $\frac{3}{4}$	
Ditto, ditto, moulded	1 $\frac{5}{8}$	
<i>Backs, elbows and soffits—</i>		Window backs, elbows and soffits.
1 in. Deal plain keyed or 2-panelled square } backs, elbows and soffits.. .. . }	1 $\frac{5}{8}$	
Ditto, ditto, splayed	1	
Ditto, bead butt or moulded	1 $\frac{1}{8}$	
<i>Boxings—</i>		Boxings.
Deal, rebated, framed and beaded	1 $\frac{1}{8}$	
Ditto, and splayed	1 $\frac{1}{4}$	Shutters and back flaps.
<i>Outside shutters, same as doors.</i>		
<i>Inside shutters and back flaps—</i>		
$\frac{3}{4}$ in. Deal clamped flaps	1 $\frac{1}{4}$	
1 in. ditto, 2-panel square, framed	1 $\frac{1}{4}$	
1 in. ditto, 3-panel square, framed	1 $\frac{1}{2}$	
1 in. ditto, 4-panel square, framed	1 $\frac{3}{4}$	
Add if bead butt or moulded one side	$\frac{1}{4}$	
Add if hung in two heights	$\frac{5}{8}$	

TREADS AND RISERS, half and quarter spaces, including
rough bracketing and fixing on carriages.
Per foot super.

Description		Joiner				Staircases.
Thickness in.		1	1½	1½	2	Treads and risers, etc.
		hrs.	hrs.	hrs.	hrs.	
Deal, rough, edges shot		¼	½	¾	¾	
Ditto, wrot., with rounded nosings		¾	1 ⅞	1	1 ⅞	
Ditto, ditto, glued and blocked ditto		1 ⅞	1	1 ⅞	1 ⅞	
Ditto, ditto, ditto, and moulded ..		1 ½	1 ⅞	1 ⅞	1 ½	
Add if risers are tongued into treads } on the edge }		1 ⅞	1 ⅞	1 ⅞	2 ⅞	
		Joiner, hours				
Return nosing to ends of steps, including } mitres each }		1 ½				
Ditto, circular on plan ,		5 ⅞				
Solid quarter rounds to ends of steps .. ,		3 ⅞				
Ditto, veneered ,		6 ¼				
Curtail-end to steps, with riser complete, } veneered each }		18 ¾				

JOINER.

Constants of Labour and Material.

STRINGS.—Per foot super.

Strings.

Wreaths
and ramps.

Description		Joiner		
Thickness	.. .. . in.	1½	1½	2
		hrs.	hrs.	hrs.
Deal, outside strings, wrot. plain straight		½	⅝	⅝
Add if sunk and moulded	½	½	⅝
Add if cut	¼	¼	⅝
Add if cut and mitred	¾	¾	⅝
Wreathed	5 times above rates		
Circular			
Ramped	3 times above rates		
Wall strings, plain, plugged			
Add if moulded	Double above rates		

HANDRAILS, framed and fixed, level or raking.

Per foot run.

Handrall.

Newels
and
balusters.

Description		Joiner	
		Deal	Mahogany
		hours	hours
2½ in. × 2½ in., rounded.. .. .		½	¾
Ditto, moulded		¾	1½
3 in. × 3 in., ditto		⅝	1½
Ditto, moulded.. .. .		1½	1½
Ramps and knees, or circular to		4½	5½
2½ in. × 2½ in., moulded			
Ditto, 3 in. × 3 in., ditto		5½	7½
Wreathings to 2½ in. × 2½ in.		10	15
Ditto, 3 in. × 3 in.		12½	18¾
Housings for balusters	each	¼	¾
Joints in handrail		1½	2½
Newels and Balusters, wrought and framed, per foot run—			
Newels, 2½ in. × 2½ in., average		⅝	1½
Ditto, 3 in. × 3 in., ditto		¾	1½
Balusters, 1 in. × 1 in bar		¾	1½
Ditto, 1½ in. × 1½ in. ditto			
Ditto, 1½ in. × 1½ in. ditto			

JOINER.

Constants of Labour and Material.

SUNDRY LABOURS. *Per 100 feet run.*

Description	Joiner.	
	hours	
Deal, edges shot, 2 in. and under	1½	
Ditto, ditto, 3 in. ditto	2½	
Chamfering, 2 in. ditto	7½	
Ditto, 3 in. ditto	10	
Rounded edges, 2 in. ditto	8½	
Ditto, 3 in. ditto	11½	
Beading, ½ in. diam. and under	3½	
Ditto, ⅝ in. to 1½ in diam.	7½	
Sash beads prepared and fixed complete ..	11½	
Grooving and tonguing	10	
Ditto, ditto, cross grain	19½	
Mouldings under 3 in. girth	38½	
Any above in mahogany add	50 per cent.	

Sundry labours in deal and mahogany

IRONMONGERY. Fixing only.

Item	Joiner	
	To Deal	To Hard Woods
	hours	hours
Barrel bolts, 6 in. .. .. .each	1½	6
Ditto, 9 in.	1½	15
Bolts, espagnolette .. .. .per foot run	6	15
Ditto, flush .. .. .per inch	1½	15
Butts, 2½ in. .. .. .per pair	15	15
Ditto, 3½ in. and 4 in.	15	15
Ditto, 5 in.	15	3
Buttons .. .. .each	2½	15
Casement centres and sockets	15	15
Fasteners, sash	15	15
Ditto, casement	15	15
Handles, door, common	15	15
Ditto, grip, for swing doors	1½	15
Hinges (see also butts)	1½	15
Ditto, cross garnet, per pair, per ft. long	6	15
Hooks, hat and coat .. .. .per doz.	2½	3
Latches and staples, Norfolk .. .. .each	15	15
Ditto, night	15	15
Locks, rim or dead, with furniture, } complete .. .. .each }	1½	15
Ditto, mortice and ditto	2½	3
Ditto, cupboard, 3 in.	15	15
Ditto, drawer or desk	15	15
Pulleys (iron and brass)	2½	15
Rollers for sliding doors, sashes, etc. } per doz. }	2½	3
Shutter bars, with sockets and plates, } per foot run }	6	15
Springs, door, tail .. .. .each	15	1½
Springs, floor, patent and letting into } floor .. .. .each }	6½	8½
Turnbuckles	15	15
Water bar, bedding in groove in white } lead .. .. .per foot run }	15	15

PLUMBER, ZINC WORKER, AND COPPERSMITH.

Constants of Labour and Material.

	Item	Labour, Plumber and Mate	Solder
		hours	lb.
Milled lead in flats, gutters, flashings, cisterns, safes, etc.	<i>Milled sheet lead</i> , laid in gutters, flats, flashings, hips and ridges <i>per cwt.</i> }	4 $\frac{3}{8}$	—
	Ditto, in stepped flashings, soakers, cisterns and safes, sinks, etc. <i>per cwt.</i> }	5	—
	Bossed angles to safes and bossed ends to rolls <i>each</i> }	$\frac{1}{3}$	—
	Soldered angle <i>per foot run</i>	1 $\frac{5}{8}$	1
	Weld joint "	$\frac{1}{8}$	—
	Copper nailing (open) "	$\frac{1}{16}$	—
	" " (close) "	$\frac{1}{32}$	—
	Solder dots.. .. . <i>each</i>	$\frac{1}{4}$	$\frac{1}{2}$
Lead pipes	<i>Pipes</i> , $\frac{1}{2}$ in. }	$\frac{1}{8}$	—
	Ditto, $\frac{3}{4}$ in. and 1 in., strong, and fixing with wall hooks <i>per foot run</i> }	$\frac{1}{5}$	—
	Ditto, 1 $\frac{1}{2}$ in. and 1 $\frac{1}{2}$ in., ditto <i>per foot run</i> }	$\frac{1}{4}$	—
	Ditto, 2 in., ditto "	$\frac{3}{8}$	—
	Ditto, 2 $\frac{1}{2}$ in., ditto "	$\frac{3}{8}$	—
Soil pipes	<i>Soil pipes</i> and fixing, 4 in. diam. } <i>per foot run</i> }	$\frac{1}{2}$	—
Bends.	<i>Extra only to—</i> Bends in 4 in. soil pipes.. ..	1 $\frac{1}{2}$	—
	Wiped joints	1	—
Solder Joints.	$\frac{1}{2}$ in. pipe	$\frac{1}{3}$	$\frac{3}{4}$
	$\frac{3}{4}$ "	$\frac{2}{5}$	1
	1 "	$\frac{1}{2}$	1 $\frac{1}{2}$
	1 $\frac{1}{4}$ "	$\frac{2}{3}$	1 $\frac{1}{2}$
	1 $\frac{1}{2}$ "	$\frac{2}{3}$	2
	2 "	$\frac{7}{10}$	2 $\frac{1}{2}$
	2 $\frac{1}{2}$ "	$\frac{4}{5}$	3
	3 "	1	3 $\frac{1}{2}$
Zinc sheet roofing, etc. Copper ditto.	4 "	1	4 $\frac{1}{2}$
	Zinc sheet and laying in flats, } gutters and flashings <i>per ft. sup.</i> }	$\frac{1}{4}$	—
	Copper sheet cut to sizes and fixed in flat roofs <i>per foot super.</i> }	$\frac{1}{4}$	—
	Ditto in gutters.. .. .	$\frac{1}{3}$	—

* The solder is for one wiped joint, so that to arrive at the cost per foot run, it will be necessary to divide the weight given by the distance apart (in feet) of the joints.

FOUNDER AND SMITH.

Constants of Labour and Material.

EAVES, GUTTERS, AND RAIN-WATER PIPES (see also
PLUMBER and FOUNDER AND SMITH).
*Fixing only.**

Description Size in.	Smith and Mate			
	3	4	5	6
	hours	hours	hours	hours
Eaves gutters, half-round or moulded <i>per foot run</i> }	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
Rain-water pipes, circular, socketed .. <i>per foot run</i> }	$\frac{1}{6}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{6}$

Eaves,
gutters,
rain-water
pipes.

* Fixing includes blocking out and fixing brackets
and bolts, and making joints.

CAST-IRON COLUMNS AND STANCHEONS.
Hoisting and fixing only.

Position in Building	Smith and Mate
	hours
At ground level.. .. . <i>per cwt.</i>	$1\frac{7}{8}$
10 ft. above ditto "	$1\frac{3}{4}$
20 "	$2\frac{1}{2}$
Add for every additional 10 ft. above ditto <i>per cwt.</i> }	$\frac{1}{10}$

Cast-iron
columns
and stan-
cheons.

ROLLED STEEL JOISTS, COMPOUND GIRDERS AND STAN-
CHEONS, ANGLES, TEES AND CHANNELS, ETC.,
STEEL ROOF TRUSSES, ETC. *Hoisting and fixing only.**

Position in Building	Smith and Mate
	hours
At ground level.. .. . <i>per cwt.</i>	2
10 ft. above ditto "	$2\frac{1}{10}$
20 "	$2\frac{1}{4}$
Add for each additional 10 ft. hoisted <i>per cwt.</i> }	$\frac{1}{10}$
Steel roof trusses, 10 ft. above ground level.. .. . <i>per cwt.</i> }	3
Add for each additional 10 ft. ..	$\frac{1}{10}$

Rolled
steel joists,
compound
girders and
stanchions,
etc.
Steel roof
trusses.

* Delivered on the site cut to exact lengths required,
drilled, and ready for fixing.

FOUNDER AND SMITH.

Constants of Labour and Material.

HOISTING AND FIXING GALVANISED CORRUGATED IRON
SHEETING TO ROOF, WALLS, ETC.
(Bolts, nails, screws, rivets, etc., fitted ready for fixing.)

Corrugated
iron
sheathing.

Straps and
bolts, etc.,
for wood
roof
trusses.

Description	Smith and Mate
	hours
Flat sheets at ground level <i>per square</i>	$2\frac{1}{4}$
Curved sheets	3
Add for every 10 ft. hoisted above } ground level <i>per square</i> }	$\frac{1}{10}$
Making and fixing straps and bolts, } nuts, gibs and keys, wedges, etc., } for wood roof trusses <i>per lb.</i> }	$\frac{1}{4}$

DRILLING HOLES IN IRON AND STEEL.

Drilling
holes.

Counter-
sinking.
In position.

Description	Smith and Mate				
Thickness of metal in.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1
	hrs.	hrs.	hrs.	hrs.	hrs.
Holes $\frac{1}{4}$ in. to $\frac{1}{2}$ in. diameter } <i>per doz.</i> }	$\frac{1}{2}$	1	1	$1\frac{1}{2}$	$1\frac{1}{2}$
Holes $\frac{5}{8}$ in. to 1 in. diameter } <i>per doz.</i> }	1	1	2	2	3
Add if countersunk	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$	$\frac{1}{5}$
Holes drilled in position	Four times above rates				

PLASTERER.

(See also notes in "Builders' Pocket-Book.")

Constants of Labour and Material.

The following Table gives the amount of materials and labour required for the various works described—*per 100 yds. super.*

Description of Work	Materials						Labour
	Lime	Sand	Hair	Water	Laths	Nails	Plasterer and Labourer
	Bushels	Bushels	lb.	Gals.	Bundles	lb.	hours
<i>Lime and Hair—</i>							
Rendering only } ($\frac{3}{8}$ in. thick) ..	14	20	10	120	—	—	25
Render and set } ($\frac{1}{2}$ in. thick) ..	20	21	12	180	—	—	35
Render, float and } set ($\frac{3}{4}$ in. thick) ..	38	50	18	260	—	—	40
Lathing only ..	—	—	—	—	25	15 $\frac{1}{2}$	18
Laths, plaster, } float and set ..	40	50	20	260	25	15 $\frac{1}{2}$	58
<i>Portland Cement and Sand*—</i>	Cement						
Rough rendering } ($\frac{1}{2}$ in. thick) ..	15	30	—	—	—	—	35
Render and float } ($\frac{3}{4}$ in. thick) ..	22	45	—	—	—	—	60
Ditto (1 in. thick)	30	60	—	—	—	—	65
Add if jointed in } imitation of } stone	—	—	—	—	—	—	12
For curved work } for extra } labour. }	add $\frac{1}{3}$ rd	to above	times				
		Gravel					
<i>Rough Casting.</i> } with lime and } fine gravel ..	20	16	—	—	—	—	22 $\frac{1}{2}$
<i>Cornices and Mouldings</i> , including preparation for same } <i>per foot super.</i> }							$\frac{1}{12}$
<i>Quirks run in plaster</i> } <i>per foot run</i> }							$\frac{1}{18}$
Ditto, in cement							$\frac{1}{18}$
Bead and quirk in plaster							$\frac{1}{16}$
Ditto, in cement							$\frac{1}{8}$
For circular work, add $\frac{1}{2}$ to above rates.							

* Proportions: 1 of cement and 2 of sand.

GLAZIER.

Constants of Labour and Material.

Per foot super.

	Description	Glazier
		hours
Sheet glass.	<i>Sheet glass</i> , in large squares, glazed in new sashes }	$\frac{5}{24}$
	Ditto, ditto, in old sashes }	$\frac{1}{2}$
Hartley's rolled.	Ditto, in small squares, in new sashes }	$\frac{1}{4}$
	<i>Hartley's rolled glass</i> , in large squares, ditto }	$\frac{1}{5}$
Plate glass.	<i>British polished plate</i> , ditto, ditto }	$\frac{5}{16}$
Cleaning glass.	<i>Cleaning windows</i> , both sides }	$\frac{1}{2}$
	Or <i>per doz. squares</i> , not exceeding 2 ft. super. } each }	$\frac{1}{2}$

PAPERHANGER.

Constants of Labour and Material.

MATERIALS AND LABOUR.—*Per piece.*

	Description of Work	Paste composed of			Paper-hanger
		Flour	Alum	Boiling Water	
		lb.	oz.	gal.	Hours
Stripping.	Stripping old papers	—	—	—	$\frac{1}{2}$
Preparing.	Stopping, pumicing, and preparing walls for new paper }	—	—	—	$\frac{1}{2}$
	Hanging common paper to walls }	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$	$1\frac{1}{8}$
Hanging.	Ditto to ceilings }	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$	$1\frac{1}{4}$
	Varnishing and twice sizing } ($\frac{1}{4}$ pint varnish, $\frac{1}{4}$ lb. size) }	—	—	—	1

PAINTER AND DECORATOR.

Constants of Labour and Material.

MATERIALS AND LABOUR.—Per 100 yards super.

Description of Work	Red Lead	Size	—	Painter	
	lb.	lb.		Hours	
*Painting on Wood— Knotting	$\frac{1}{3}$	$\frac{1}{3}$	—	5	Knotting.
	Putty	Pumice Stone	Glass Paper		
	lb.	lb.	Quire		
Stopping	4	$\frac{1}{2}$	1	5	Stopping.
	White Lead	Red Lead	Lith-arge	Linseed Oil	
	lb.	lb.	lb.	gal.	
First or priming } coat }	15	$\frac{1}{3}$	$\frac{1}{3}$	$\frac{7}{8}$	18 Priming and Painting on wood.
	White Lead	Lith-arge	Linseed Oil	Turps	
	lb.	lb.	gal.	pints	
Second coat	12	$\frac{1}{6}$	$\frac{3}{8}$	$\frac{3}{4}$	16 $\frac{1}{2}$
Third and follow- ing coats .. }	12	$\frac{1}{6}$	$\frac{1}{4}$	1	16 $\frac{1}{2}$
Flatting	12	—	—	3	16 $\frac{1}{2}$ Flatting.
Add to any of above if done from ladders				10	
<i>Painting on Iron—</i>				Hours	Painting on iron.
First coat, including scraping				25	
Second and following coats				20	
Add if from ladders				10	
		Tar	Pitch	Labour	
		gal.	lb.	Hours	
<i>Tarring—</i>					Tarring.
On wood, 1st coat		8 $\frac{1}{2}$	8 $\frac{1}{2}$	12	
Ditto, 2nd and following coats ..		6	6	10	
On iron, 1st coat		8	8	16	
Ditto, 2nd and following coats ..		6	6	12	
Varnishing, one coat (1 gallon varnish)				16	Varnish- ing.

* Note.—The above ingredients form white paint, to which pigments may be added according to the colour required, the quantity of white lead being reduced in proportion. (See Table in “Builders’ Pocket Book.”)

PAINTER AND DECORATOR.

Constants of Labour and Material.

MATERIALS AND LABOUR. *Per 100 yards super.*

Description	Lime	Whiting or Ochre	Blue black or Umber	Tallow or Size	Painter and Labourer
	bush.	lb.	lb.	lb. or gal.	hours
Lime- whiting, Whitening, Distemper- ing and Colouring.	<i>* Limewhiting—</i>				
	1 coat ..	1	—	$\frac{3}{4}$	7 $\frac{1}{2}$
	2 coats ..	2	—	1 $\frac{1}{4}$	13 $\frac{1}{2}$
	<i>* Whitening—</i>				
	1 coat ..	—	12	1 $\frac{3}{4}$	10 $\frac{1}{2}$
	2 coats ..	—	21	2 $\frac{3}{4}$	18
Cleaning down.	<i>* Colouring—</i>				
	1 coat (stone or buff) ..	—	{ 10 whiting 3 ochre }	$\frac{1}{2}$	2
	2 coats ..	—	{ 18 whiting 4 ochre }	$\frac{3}{4}$	3
	Cleaning down and washing off	—	—	—	10

* Not including cleaning down or washing off.

No. 1.—PRELIMINARIES.

	Measured Prices	
"Allowance for difficulty of site and access thereto" }	<i>According to circumstances.</i>	Site access.
"Allowance for extraordinary cartage"— The rates in London for cartage are as follows:—		Cartage.
By horse traction—Earth, rubbish, etc., filled into carts, carted and shot, per mile <i>per load</i> }	£ s. d. 0 5 0	Horse haulage.
Bricks, first mile <i>per 1000</i>	0 7 0	
„ each mile beyond	0 1 6	
Carter, van and horse <i>per hour</i>	0 2 6	
By traction engine and lorry—earth, rubbish, stone, bricks, etc., at 5 tons per day <i>per mile</i> }	0 3 6	Motor haulage.
By motor lorry 5 tons from	3 10 0	
Credit variable, but if quality is good enough, allow price per yard cube as if delivered at site. This should average for sand <i>per yard cube</i> }		Sand or gravel available on site.
Ditto for gravel.. .. . „		
This assumes that digging and depositing is measured in the quantities.		
"Allowance for conduct of building operations so as to cause minimum inconvenience to tenant, etc., of building"— unless very exceptional }	<i>No special charge.</i>	Allowance for inconvenience.
"Allowance for any damage to adjoining buildings or for any injury to persons or property arising from the works"— usually }	<i>Not priced.</i>	Damage to persons and property.
<i>Note.</i> —Injury to workmen covered by Employers' Liability Insurance.		
"Allow for fully priced copy of the estimate to be delivered to the architect on the signing of the contract." A blank copy of the quantities is usually supplied free of charge to the contractor— therefore }	<i>No charge.</i>	Priced copy of quantities.
"Allow for keeping an approved foreman constantly on the works"—as a rule .. }	<i>Not separately charged.</i>	Foreman.

PRELIMINARIES.

		Measured Prices
		£ s. d.
Water.	"Allow for obtaining water for the works and providing all necessary temporary plumbing and storage of water."	
	The water company's charges vary, but the following rates of the Metropolitan Water Board may be useful :—	
	The charge, after making reasonable allowance for decorative or iron and steel work not requiring water, is— <i>per £100</i>	0 7 0
	Standpipe deposit	0 18 0
Watching, etc.	To this must be added company's charge for laying on water, temporary plumbing and contractor's profit ..	2 0 0
	Unless the circumstances are exceptional {	<i>No special charge.</i>
Attend- ances.	Night watchman and lamp .. <i>per shift</i>	0 10 0
	"Each trade to attend upon, cut away for, and make good after all other trades, etc., etc."	<i>No special charge.</i>
Facilities to other tradesmen.	"Allow for affording facilities to any other parties employed in the building, etc., etc., and allow them the free use of ordinary scaffolding and ladders":—	
	Where the contractor is called upon under this clause to allow other tradesmen (as in steel structural work, masons' work, patent glazing, etc.) the prolonged use of his scaffolding and ladders, a reasonable amount, calculated on the amount provided in the quantities for the specialist's work, would be—say (See also "HIRE OF BUILDER'S PLANT.")	5 <i>per cent.</i>
Scaffolding and plant.	"Allow for providing all scaffolding and plant, etc., and for stakes and labour in setting out, etc."	
	Scaffolding for the brickwork is included in the prices on p. 70. Taken by itself a fair allowance for erection, use and striking only, is <i>per rod</i>	0 15 0
Temporary Sleeper Roads.	For price of scaffolding (new)	<i>See</i>
	For hire of scaffolding, plant, etc.	BUILDER'S PLANT, HIRE OF.
	Fees for licences for scaffolds and hoardings and regulations in London	<i>See</i>
	Allow for providing sleepers, levelling up ground, and cleaning away at completion <i>per ft. run</i>	CHARGES AND FEES. 0 7 6

PRELIMINARIES.

		Measured Prices	
		£ s. d.	
"Allow for sheds, etc., required for keeping materials under cover"—say per £1000 of contract, with minimum of £2, and maximum £50		3 0 0	Sheds.
"Allow for proper latrines for workmen and for keeping same in a clean and decent condition, etc., etc."—say per £1000 of contract, with minimum of £2, and maximum £20		2 0 0	Latrines for workmen.
"Allow for covering the walling during inclement weather, providing all temporary lights, doors, water shoots, covering to stonework, tile pieces to steps, etc., etc."—say per £1000 of contract, maximum £100		2 0 0	Protection of work.
These should be described and measured in the quantities, including authorities' charges for taking up and relaying paving, etc., if necessary.			Hoardings and temporary ways.
For price of hoardings.. .. .	{	See CARPENTER.	
For fees for licences and regulations ..		See CHARGES AND FEES	
No fee for hoard or scaffold may exceed ..		10 0 0	
This should be measured and described in quantities, and can be priced at	{	See CARPENTER.	Shoring.
		See CHARGES AND FEES	
For fees for licences and regulations ..			
For hire of shoring		See CARPENTER.	
"Allow for keeping the foundations free from water, and for any temporary drainage, baling or pumping, etc." This depends entirely on the site, and is necessarily very speculative.			Pumping, temporary drainage, etc.
Pumping by hand, including all labour, use of pumps, stages, etc., for any height not exceeding 20 feet (in small quantities) per 1000 gallons		0 3 4	
For hire of pumps, etc.	{	See BUILDERS' PLANT, HIRE OF.	
Piling, fir piles, including heading and pointing and driving .. per foot cube		0 9 0	Piling.
Coffer dams, ditto, short ditto, not exceeding 10 ft. long, or small ditto, under 9 ft 9 in. per foot cube		0 11 6	Coffer dams.

PRELIMINARIES.

		Measured Prices
		£ s. d.
Puddling.	Sheeting of 2 in. elm planking, rough, edges shot, fixed with 6 in. wrot. iron spikes to piles, 2 spikes at least to each plank <i>per foot super.</i>	0 3 6
	Ditto, 3 in. ditto, with 7 in. spikes	0 4 9
	Forming puddle walls, filling to coffer dams, etc., with clay well rammed in 6 in. layers, free from fissures and impervious to water .. <i>per yard cube</i>	0 12 0
Emptying, etc., old drains and cesspools.	"Allow for emptying any old drains or cesspools that may be met with in course of excavation, and for filling in, etc., etc." Is speculative according to nature of site	—
Clearing away dirt and rubbish, etc.	"Allow for clearing away all dirt or rubbish and superfluous materials as they accumulate," minimum £2	1 5 0
	"Allow for cleaning windows" <i>per ft. sup.</i>	0 0 0½
	"Allow for cleaning floors" .. <i>per sq.</i>	0 1 0
Making good injury to buildings.	"Allow for making good any injury to the buildings, from any cause, and for making good injury to pointing by frost," at, say per £1000 of contract ..	1 0 0
Maintenance.	"Allow for maintaining the work for six months after completion, and for making good any defects or imperfections which may arise." With careful supervision and protection of the work no sum should be required for this. If necessary it may be priced at, say per £1000 of contract	0 10 0
Office for Clerk of Works.	"Allow for the erection of an office for the clerk of works, and removal at completion." This depends of course on its construction and size. For a small job (including a desk and stove), say	25 0 0
Temporary roofs, floors, partitions, etc.	Attendance on clerk of works	1 labourer ½-time throughout contract
	These may be required in works involving alterations and additions, and may be priced out according to construction (<i>use and waste</i>), and striking and removing at completion <i>per square</i>	At rates in CARPENTER.
	Ditto, tarpaulins, hire of	See BUILDERS' PLANT, HIRE OF.
Giving notices to authorities.	"Allow for giving notices, accompanied by drawings if necessary, to any authorities requiring notice, and pay all fees." ..	1 0 0
	In country works the local by-laws must be consulted	Generally no fees payable.

PRELIMINARIES.

	Measured Prices	
	£ s. d.	
In London, fees (to which contractor's profits must be added if required) are payable to the District Surveyors (see CHARGES AND FEES) as follows:—		Fees to District Surveyors.
In respect of a building of a cubical extent not exceeding 5000 cubic feet.		
Not exceeding 500 cubic feet	0 10 0	
Exceeding 500 cubic feet but not exceeding 2000 cubic feet	1 0 0	
Exceeding 2000 cubic feet but not exceeding 5000 cubic feet	1 10 0	
In respect of a building of a cubical extent exceeding 5000 cubic feet the following fees together with an additional sum of £1 10s.		
For every 1000 cubic feet and also for any fractional part of 1000 cubic feet up to an aggregate cubical extent of 1,000,000 cubic feet	0 1 0	
For every 1000 cubic feet beyond the first 1,000,000 cubic feet and also for any fractional part of 1000 cubic feet	0 0 6	
Provided that when two or more dwelling houses each being of a cubical extent exceeding 5000 cubic feet are erected by one builder or owner at the same time in the same street or under the same scheme the additional sum shall be:—		
For the first of such buildings	1 10 0	
For each additional building	1 0 0	
For full Schedule of District Surveyor's Fees, see page 241.		
Tracings of the working drawings are usually required by the local authorities, and an amount is provided in the estimate	According to labour involved.	Special plans for Local Authorities. Insurance (fire).
"Allow for insuring the building against fire to the full amount of the contract in an office to be nominated by the architect, etc., etc."		
*The rates of premium for insurance of buildings in course of erection where there are no adjacent hazardous risks, average:—		
For 3 months per cent.	0 1 0	
„ 6 months „	0 1 3	
„ one year „	0 1 6	
* Contractor's profit to be added.		
"Allow for the contractor being held responsible for any injury to persons, animals, or things, and in respect of any claim made under the Workmen's Compensation Act, 1897, etc."		Employer's Liability.
The average rate of premium for this class of insurance is per £100 of wages bill	1 10 0	
(See EMPLOYER'S LIABILITY, in "Builders' Pocket Book.")		
Unemployment	1% on contract sum.	National Insurance.
Sickness		

No. 2.—TAKING DOWN, REMOVING, etc.

Note.—The state of the premises and condition of materials, the possibility of their having any saleable or usable value, and many other factors, must be known in order to determine what amount can reasonably be asked or given as a credit.

		Measured Prices		
		Taking Down, etc.		
		£	s.	d.
Concrete walls, etc.	Cement concrete walls, etc., and removing rubbish, <i>per foot cube</i> }	0	0	6
Concrete, etc. Pavings.	Pavings of tiles, bricks, laid flat, stone flags, and similar material on and including their concrete bed, <i>per yard super.</i> }	0	3	0
Landings.	Concrete landings, 9 in. thick, including steel joists em- bedded .. <i>per yard super.</i> }	0	3	0
Brickwork	Reduced stock brickwork in mortar, cleaning and stack- ing bricks for re-use, and removing rubbish .. <i>per rod</i> }	3	15	0
	Ditto, ditto, in cement, <i>per rod</i>	4	15	0
White glazed tiling.	White glazed wall tiling. <i>per yard super.</i> }	0	1	0
	Tiled hearths .. <i>per foot super.</i>	0	0	2
Chimney pots.	Terra-cotta chimney pots, 2 ft. high.. .. . <i>each</i> }	0	1	0
	Ditto, ditto, 3 ft. high .. <i>each</i>	0	1	0
Tiling.	Plain tiling (stripping and re- moving rubbish), <i>per square</i> }	0	3	0
	Pan, ditto, ditto .. <i>per square</i>	0	2	0
Mason's Work—	Ashlar, or other stonework taken down, cleaned, and stacked for re-use, <i>per foot cube</i> }	0	1	6
	2-in. York stone hearth <i>per foot super.</i> }	0	0	1
	4 in. ditto landing ..	0	0	3
	Rubble walling, <i>per yard cube</i>	0	1	6
	3 in. × 12 in. York stone window sill <i>per foot run</i> }	0	0	1
York stone.	York stone sink, 2 ft. 6 in. × 1 ft., on, and including, half-brick bearer walls <i>each</i> }	0	2	6

TAKING DOWN, REMOVING, etc.

	Measured Prices			
	Taking Down, etc.			
	£	s.	d.	
Portland stone dressings (taking down and credit only), per foot cube	0	1	6	Portland stone.
3 in. × 14 in. coping, per foot run	0	0	2	
4 in. × 9 in. window sill, per foot run	0	0	2	
6 in. × 12 in. steps	0	0	3	
Countess slating (stripping and removing) .. per square	0	2	0	Slater.
14-in. slate lavatory top, per foot super.	0	0	1	
14-in. Sicilian marble ditto, per foot super.	0	0	1	Marble, etc.
Enamelled slate urinal divi- sious, 2 ft. 3 in. × 5 ft. 6 in, each	0	3	0	Urinals.
Ditto, chimney-piece, for 36 in. opening .. .. .each	0	4	4	Chimney- pieces.
Bath stone ditto, ditto	0	3	10	
Ditto, kitchen ditto, 42 in. opening .. .. .each	0	4	4	
Marble (St. Anne's) ditto, and curb for 36 in. opening (superior)	0	6	0	
Fir in roofs, ceiling-joists, plates, posts, bressummers, floors, partitions, etc., per foot cube	0	0	6	Carpenter— Fir framed in roofs, etc.
1-in. boarding battens and felt to roofs per square	0	2	6	Boarding, etc.
Weather boarding, or 1-in. rough boarding, per square	0	1	6	
Gutter boards and bearers, per foot super.	0	0	1½	
14-in. deal flooring, per square	0	2	0	Joiner— Flooring.
2-in. deal casements, or double- hung sashes, and frames glazed .. per foot super.	0	0	3	Sashes and frames.
Ditto, skylights, ditto, includ- ing linings .. per foot super.	0	0	2½	Skylights.
1½ in. to 2 in. deal 4-panel doors and frames, architraves, linings, including locks and hinges .. per foot super.	0	0	2	Doors and frames.

TAKING DOWN, REMOVING, etc.

Doors and frames.		Measured Prices		
		Taking Down, etc.		
		£	s.	d.
—deal.	2 in. deal doors, average 3 ft. × 6 ft. 9 in., any description, <i>each</i> }	0	1	3
—mahog- any.	2½ in. mahogany doors, 3 to 6 panel, with raised panels, 5 in. brass butts, brass mortice, lock, and ebony furniture, size, 3 ft. 6 in. × 7 ft. 6 in. <i>each</i> }	0	1	6
—swing.	2½ in. ditto, moulded both sides, hung in pairs, folding, upper panels glazed with ¼-in. polished plate, size over all, 5 ft. 6 in. × 8 ft. . . <i>per pair</i> }	0	3	6
Match- lining.	Deal matchlining to soffits, walls, and partitions, <i>per square</i> }	0	2	0
Shelving.	1-in. deal, wrought both sides, shelving and divisions, <i>per foot super.</i> }	0	0	0½
	1½-in ditto, ditto. " "	0	0	0½
Linings, Partitions, Dadoes, etc.	1½ to 1¾ in. deal framed, panelled and moulded jamb linings, and moulded both sides partitions . . . <i>per foot super.</i> }	0	0	2
—deal.	Deal framed and glazed partitions, with 3×3 in. moulded posts and rails, lower part filled in solid with double thickness deal framing, and upper panels glazed with ¼ in. polished plate glass in large squares . . <i>per foot super.</i> }	0	0	2
—oak.	1½ in. Oak framed and panelled and moulded both sides partitions . . . <i>per foot super.</i> }	0	0	1½
—mahog- any.	1 in. mahogany ditto, one side dado . . . <i>per foot super.</i> }	0	0	1½
	1½ to 1¾ in. ditto, ditto, and twice rebated and beaded linings . . <i>per foot super.</i> }	0	0	1½
	2 in. ditto, moulded both sides partition . . <i>per foot super.</i> }	0	0	1½
	Mahogany framed and glazed partition, as description above for deal . . <i>per foot super.</i> }	0	0	2

TAKING DOWN, REMOVING, etc.

	Measured Prices			
	Taking Down, etc.			
	£	s.	d.	
1×7 in. <i>Mahogany</i> moulded } skirting per foot run }	0	0	0½	Skirtings.
1½×3 in. ditto dado rail ..	0	0	0½	Dado rail.
2×5 in. ditto architrave ..	0	0	0½	Architraves
Heavy ditto overdoor, with en- tablature and pediment, ex- treme dimensions 7 ft. 6 in. × 2 ft. .. .. .each }	0	2	0	Overdoors.
1½ in. deal treads and 1 in. risers, } close strings, etc., etc., com- plete per foot super. }	0	0	2¾	Staircases.
3×3½ <i>Oak</i> moulded handrail } per foot run }	0	0	2	
5×5 in. <i>Oak</i> turned and } moulded newels, 3 ft. long ea. }	0	3	6	
Lead in gutters, flats, flashings, } etc. per cwt. }	0	1	6	Plumber's Work—
Copper in ditto, ditto per lb.	0	0	1½	Lead (sheet).
½ in. lead supply pipe per ft. run	0	0	0½	Copper
2 in. lead waste pipe ..	0	0	1½	(sheet).
4 in. lead soil pipe ..	0	0	3	Lead pipes.
2 in. ditto traps .. .. .each	0	0	6	
Lead-lined sink, including dove- tailed deal box, 3 ft. × 1 ft. 6 in. × 1 ft. 2 in. .. .. .each }	0	1	6	Sinks.
White ware pedestal pan and trap, with deal seat and riser, and water waste preventer, complete per set }	0	5	0	W.C. apparatus.
White glazed ditto, with ma- hogany hinged flap, 1½ in. lead flush pipe, anti-syphon pipe, and water waste pre- venter (in good order) complete }	0	6	0	
Valve w.c. apparatus, lead trap, superior mahogany seat and riser and hinged flap .. .. .complete }	0	7	0	
White glazed urinal basins, with patent floor-plate auto- matic flushing apparatus per stall }	0	5	0	Urinals.
14 in. diam. white glazed lavatory basins, with lead trap and electro-plated fit- tings .. .. .complete }	0	2	10	Lavatories.

TAKING DOWN, REMOVING, etc.

		Measured Prices		
		Taking Down, etc.		
		£	s.	d.
Plasterer.	Lath and plaster to ceilings and partitions (and carting away rubbish) .. <i>per yard super.</i> }	0	0	2
Founder and Smith— Eaves, gutters.	4 in. cast-iron half-round or ogee gutter and brackets <i>per yard run</i> }	0	0	3
Rain water pipes.	3 in. diam. ditto rain water pipe <i>per yard run.</i> }	0	0	2
	4 in. ditto, ditto ..	0	0	2½
Columns, stanchions etc.	Cast iron in columns, stanchions, staircases, etc., etc. <i>per cwt.</i> }	0	2	0
Cast iron. Steel and rolled-iron joists, etc.	Wrot. iron and steel rolled in joists, tees, angles, channels, girders, stanchions, columns, etc., or framed-in roof trusses, staircases, etc., etc. <i>per cwt.</i> }	0	2	6
Copper- pans.	Cast-iron copper-pan, 22 in. diam., and fire-bars including brickwork complete <i>each</i> }	0	7	6
Stoves.	Cast-iron register stove, 36 in. opening <i>each</i> }	0	2	3
Range.	Kitchen range, 42 in opening ..	0	5	9
Cistern	30-gall. galvanised iron riveted hot water tank .. <i>each</i> }	0	2	10½

Cubes.

No. 3.—EXCAVATOR AND CONCRETE.

	Per	Measured Prices.	
Removing turf, stacking and rolling }	Yard sup.	s. d. 1 0	Removing Turf.
Excavation in common soils (earth, gravel) in trenches for foundations or drains, not exceeding 5 ft. and throw out }	Yard cube	2 6	Excava- tion in common soils.
Ditto, ditto, in stiff clay, ditto ..	"	3 6	R. F. & R. Ditto in stiff clay, etc.
Ditto, ditto, exceeding 5 ft. but not exceeding 10 ft. in depth, includ- ing staging, ditto }	"	4 0	
Ditto, ditto, or stiff clay, ditto	"	5 3	
Ditto, not exceeding 5 ft. including grub-up roots, old foundations, etc. }	"	15 0	
Add for carting away to shoot, in- cluding shoot <i>per load</i> }	"	4 6	Excava- tion and Carting.
Add Basketing out ground	Yard cube	3 0	Basketing.
Add if in <i>underpinning</i> in short lengths }	"	2 0	Under- pinning.
Filling in and ramming earth to walls and foundations, etc., only }	"	0 9	Filling in to walls.
Spreading and levelling, in layers ..	"	1 6	Spreading.
Hard core filled in and rammed ..	"	10 0	Hard Core.
Puddle filling to coffer dams with clay in 6 in. layers, well rammed, including finding clay on site, water and labour .. <i>per yard cube</i> }	"	9 0	Clay Puddle.
For planking and strutting, see pages 56 and 60.			Planking and Strutting.

	Lime.		Portland Cement Concrete.	
	Grey.	Blue Lias.		
Concrete over large areas or in foundations, or thick walls, or filled in over arches, vaulting, etc., composed of 1 of lime or Portland cement to 6 parts of clean river bal- last and sand }	Per yard cube s. d. 20 0	Per yard cube s. d. 22 0	Per yard cube s. d. 24 0	Concrete in founda- tions, walls, etc.
Ditto in <i>underpinning</i> in <i>small quantities</i> .. <i>add</i> }	4 0	4 0	5 6	
If composed of 1 of cement to 12 of ballast <i>deduct</i> }			6 6	
If made with old bricks or stone found on site <i>deduct</i> }	5 0	5 0	5 0	

Cubes.
Supers.
Runs.

EXCAVATOR AND CONCRETE.

		Per	Measured Prices.
			s. d.
Fine Concrete to trimmer arches.	Fine cement concrete in levelling up haunches of trimmer arches ..	Foot super.	0 6
	Ditto, filled in to steel joists as lintel or in casings to stanchions, 10 ft. above ground level, including shuttering	Foot cube	4 0
Lintels.	Add for every additional 10 ft. hoisted	"	0 2
Planking and Strutting.	Planking and strutting to bulk digging to form base, not exceeding 10 ft. deep	Foot super.	1 0
	Ditto, ditto, 10 ft. to 15 ft. deep ..	"	1 3
	Ditto, ditto, 15 ft. to 20 ft. deep ..	"	1 6
Level and ram.	Levelling and ramming surface of excavation	Yard super.	0 3
Surface Excavation.	Excavation to surface average 6 in. deep, and level and ram	"	0 7
	Ditto, ditto, 12 in. ditto	"	1 0
Hard Core.	Hardcore, broken to 2-in. gauge, 4 in. thick, filled in and rammed, level	"	1 3
	Ditto, 6 in. ditto	"	1 9
	Ditto, 9 in. ditto	"	2 6
	Ditto, 12 in. ditto	"	3 4
	Add if to falls	"	0 3
Concrete paving and floors.	Breaking up 6 in. concrete and hardcore	"	2 6
	3 in. thick cement concrete laid to falls (6 to 1)	"	3 0
	4 in. ditto, ditto	"	3 9
	6 in. ditto, ditto	"	5 0
	9 in. ditto, ditto	"	7 6
	12 in. ditto, ditto	"	9 6
	Add for hoisting every 10 ft., 4 in. ..	"	0 2
	Ditto, 6 in.	"	0 3
	Ditto, 9 in.	"	0 4½
	Ditto, 12 in.	"	0 6
Coke breeze ditto.	4 in. concrete floors, formed of four of small coke breeze to one of Portland cement, laid on flat centreing between steel joists 10 ft. above ground level (centreing not included)	"	4 6
	Add for every 10 ft. hoisted	"	0 2
	Ditto, ditto, in doorway openings in small quantities	Foot super.	0 8
	Thicknesses as 5 in., 6 in., 7 in., 8 in., 9 in., at proportionate rates.		
	Ditto, 10 in., 11 in., 12 in.	Yard cube	36 0

EXCAVATOR AND CONCRETE.

	Per	Measured Prices.	
4-in. ditto, in partitions	Yard super.	s. d. 5 6	Ditto partitions.
1 in. thick floated face to concrete in cement, sand and granite chippings in equal proportions	"	3 6	1 in. Floated face.
Face of concrete screeded for asphalt, wood block, etc.	"	1 9	Screeded face.
Ditto, floated for tiling, marble paving, etc.	"	1 9	Floated ditto.
Hacking up old concrete, 6 in. thick	"	2 6	Hacking up concrete, etc.
Hacking face or soffit of concrete to form key	"	0 9	Groove.
Labour to groove for tongue	Foot run	0 3	Channel.
Ditto to channel 6 in. diameter ..	"	0 8	

CONCRETE BUILDING.

	Per	Measured Prices.	
9 in. walls—six to one—ballast and Portland cement	Yard super.	s. d. 7 6	Walls.
12 in. ditto	"	9 6	
Thicker ditto	Yard cube	27 0	
Extra for reinforcement according to design	Foot super	4 6	
Timbering, shuttering and centreing, use and waste only .. straight	"	0 6	Timbering, Shuttering.
Ditto curved	"	1 0	
Ditto, in narrow widths to reveals, jambs, etc.	"	0 10	
Floors. See p. 56			Floors.
Partitions. See above			
Concrete (1 to 4) in window sills, heads, lintels, steps, thresholds, quoins, strings, channels, copings, kneelers, apex, pier caps and setting in cement (including moulds and patterns) hoisting to 30 ft., exposed faces finished to fair and even surface, <i>measured net</i> . ..	Foot cube	10 6	Window sills.
Moulded work, cornices, etc.	"	12 0	
9 in. × 3 in. steps, plain square ..	Foot run	3 0	Concrete steps with Reinforcement.
9 in. × 7 in. spandril steps with moulded nosings	"	6 0	
10 in. × 8 in. granolithic spandril steps, plain	"	7 3	
10 in. × 8 in. ditto, with moulded nosings	"	8 6	
13 in. × 8 in. ditto, ditto	"	10 0	
8 in. × 6 in. thresholds, ditto ..	"	2 0	
Mortices for concrete steps for $\frac{3}{4}$ in. × $\frac{3}{4}$ in. balusters and running with lead	each	1 6	
9 in. × 5 in. window sills, weathered and throated	Foot run	5 0	
10 in. × 4 in. coping	"	3 6	Copings.
14 in. × 3 in. ditto	"	3 8	
Patent tread and letting into concrete treads and fixing with brass screws and lead plugs	"	6 0	Non-slip treads.

If in rapid hardening cement add 5 per cent.

If in waterproof cement add 15 per cent.

WELLS.

Wells dug and steined (bricks laid dry) including tackle, baskets, and stages, not exceeding 30 ft. deep, per foot in depth.

**Wells
complete.**

	Diameter of Digging.		Diameter in Clear of Brickwork.		Gallons in each Foot in Depth.	Price per Foot in Depth.		
	ft.	in.	ft.	in.	gals.	£	s.	d.
Steining One Brick thick.	7	6	6	0	174	2	15	0
	8	0	6	6	204	2	18	9
	8	6	7	0	236	3	5	0
	9	0	7	6	270	3	11	0
	9	6	8	0	308	3	15	0
	10	0	8	6	348	4	0	0
	10	6	9	0	390	4	6	0
	11	0	9	6	434	4	12	6
	11	6	10	0	481	4	18	0
	12	0	10	6	530	5	8	0
	12	6	11	0	582	5	18	0
	13	0	11	6	637	6	8	0

Note.—Where it is requisite to have curbs or pumps, with the labour to the same, they must be charged extra, according to value ; extra price if quicksands or rocks occur.

**Digging
only.**

Excavating for wells any diameter including all timbering, tackle, etc. Keeping out water and carting away surplus earth, etc., not exceeding 20 ft. deep	Earth, Clay, or Gravel.		Solid Chalk.	
	s.	d.	s.	d.
per yard cube	12	0	13	6
Ditto, ditto, 40 ft. „	14	0	16	0
Ditto, ditto, 60 ft. „	16	0	18	0

**Steining
only.**

	Per foot super.	
	s.	d.
Steining wells with new 9 in. brick walls, bricks laid dry	1	0
Ditto, ditto, but laid in Portland cement mortar (1 to 3)	1	6
(Thicker steining in proportion)		

Boring.

* Boring for water through earth, clay, chalk or gravel, not exceeding 60 ft. deep including insertion of pipes, per foot run	4 in.	6 in.
	s.	d.
	14	0
	17	0

* Boring to commence at bottom of well.

Runs.

Measured Prices.

DRAINS.

Note.—Trenches to be priced at rates in EXCAVATOR, if measured separately.

The following prices include for digging Stone-ware trenches, planking and strutting, and providing drains and laying best glazed stoneware socketed pipes, and jointed in Portland cement, filling in to trenches and laying and ramming and carting away surplus earth.

Depth to Invert of Pipe.	Internal Diameter of Pipe.					Pipes.
	4 in.	6 in.	9 in.	12 in.	15 in.	
3 ft. average, per foot run	s. d. 2 3	s. d. 3 0	s. d. 4 6	s. d. 6 6	s. d. 10 0	
4 ft. ditto	2 6	3 3	4 10	7 0	10 6	
6 ft. ditto	3 9	4 6	6 3	8 3	12 0	
8 ft. ditto	4 9	5 6	7 6	10 0	13 6	
10 ft. ditto	6 6	7 3	9 0	11 6	15 0	
Add for concrete bed thickness equal to diameter of pipe and benched up both sides to half way	1 2	1 9	3 0	5 0	6 6	
Add if cased in con- crete equal in thickness to dia- meter of pipe ..	2 4	3 6	6 0	10 0	13 0	—if cased.
Extra only for—						
Bends or elbows, each	2 6	4 0	7 6	12 6	20 0	—bends, etc.
Paper pipes ..	2 6	4 0	7 6	12 6	20 0	
Single junctions ..	2 6	4 0	7 6	12 6	20 0	
Double junctions ..	3 9	6 0	10 9	18 9	30 0	
Siphons and setting in cement each	10 0	15 0	23 0	80 0	—	
Ditto with inlet or cleaning eye, each	11 6	16 6	29 6	82 0	—	
Cutting pipes, bends taper-pieces (in- cluding risk of fracture each cut)	0 8	1 0	1 6	2 0	3 0	—cutting pipes.
Testing by water per 10 ft. run	1 6	2 0	2 6	3 6	4 6	—testing.
Taking up pipes and connections, including dig- ging not exceed- ing 4 ft. deep, and making good ground per foot run	2 0	2 0	2 6	3 0	3 6	—taking up old.

Add to above prices for special jointed pipes without composition rings $2\frac{1}{2}\%$. British standard pipes 5% . Single jointed Stanford or Hassal's pipes 10% .

Add for best tested pipes $12\frac{1}{2}\%$. British standard tested pipes $16\frac{2}{3}\%$.

DRAINS.

Measured Prices.

Planking
and strut-
ting if re-
quired
add—

Open	3 ft deep	$\frac{1}{2}$ d. per ft sup.
Close	Ditto	1d. "
"	3 ft. to 6 ft.	$1\frac{1}{2}$ d. "
"	6 ft. to 9 ft.	$1\frac{1}{2}$ d. "
"	9 ft. to 12 ft.	3d. "

Clearing
drains.

Connecting
new to old.

Depth to Invert of Pipe.	Internal Diameter of Pipe.				
	4 in.	6 in.	9 in.	12 in.	15 in.
Clearing drains with rods <i>per foot run</i>	s. d. 0 2	s. d. 0 2	s. d. 0 3	s. d. 0 4	s. d. 0 5
Connections of new to old drains in- cluding opening ground not ex- ceeding 3 ft. deep cutting into old drain and making good in cement and filling in and ramming ground, but exclusive of new junction <i>each</i>	9 0	10 6	12 6	15 0	—

Repairs
by
patent
process.

Repairs to defective drains may be effected to ordinary stoneware drains not exceeding 6 in. diameter and made watertight without opening up the ground by means of Portland cement applied by patent machinery.

4 in. or 6 in. main drains between man- holes:—	s. d.
20 ft. and over	5 0
Under 20 ft.	6 6
4 in. branch drains:—	
Average 15 ft and over	5 6
„ under 15 ft.	7 3
Access openings, from	20 0

Gully
traps.

Stoneware gully trap, including bed of cement concrete, and setting and jointing, and provided with galvanised iron gratings:—

4-in. Grating and 3-in. Outlet, each.	6-in. Grating and 4-in. Outlet, each.	9-in. Grating and 4-in. Outlet, each.	9-in. Grating and 6-in. Outlet, each.
s. d. 11 0	s. d. 14 0	£ s. d. 1 1 0	£ s. d. 1 5 0

Measured Prices.

DRAINS.

	s.	d.
4 in. sewer gas Interceptor <i>each from</i>	20	0
Ditto, ditto, 6 in. ditto.. „ „	27	6
Ditto, ditto, 9 in. ditto.. „ „	46	0

Manhole
Inter-
ceptors.

	6 in.	9 in.	12 in.
	s. d.	s. d.	s. d.
Dean's pattern with galvan- ised grid and bucket <i>each</i> }	22 6	35 0	60 0

Grease
traps and
Mud Inter-
ceptors.

Including cement concrete bed and setting,
and connection to drain:—

	9 in.	12 in.	15 in.
	s. d.	s. d.	s. d.
Deep seal gully with gal- vanised grid }	28 0	42 0	63 0

Gully
traps,
deep seal.

	4 in.	6 in.	9 in.
	s. d.	s. d.	s. d.
Brownware salt glazed chan- nel pipes for manholes bedded in cement—			
Straight .. <i>per ft. run</i>	1 0	1 6	2 6
Taper, 2 ft. long .. <i>each</i>	3 0	5 0	8 6
Bends „	3 0	5 0	8 6
White or cream glazed ditto—			
Straight .. <i>per ft. run</i>	3 2	4 5	6 6
Taper, 2 ft. long .. <i>each</i>	5 6	9 6	9 6
Bends „	10 6	16 0	—
Junctions „	8 8	14 8	21 0

Channel
pipes
for
Manholes,
etc.

DRAINS.

Measured Prices.

Soil and
vent
pipe.

London County Council weights. Heavy
cast iron soil and vent pipes and connections.
Caulked in blue lead and tow and fixed complete.

Size in inches.. .. .	2 in.	3½ in.	4 in.	6 in.
Weight per 6 ft. length in lbs.	29	48	54	84
Pipes, 6 ft. lengths (with or without ears)	s. d. 2 1	s. d. 2 5	s. d. 2 11	s. d. 5 10
<i>Per ft. run</i>				
Ditto, 3 ft. or 4 ft. lengths, ditto <i>per ft. run</i>	2 4	2 9	3 3	6 6
Square and obtuse bends with foot .. each	5 2	6 0	7 3	14 6
Ditto, without foot ..	4 2	5 0	6 0	12 0
Syphon trap, P. or S. ..	9 0	10 0	12 3	24 6
Y junction	7 9	9 2	11 0	22 0
Tee branch	6 6	8 0	9 6	19 0
Single branches	6 6	8 0	9 6	19 0
Double branches	10 9	10 0	12 0	24 0
Swan necks, 3 in. pro- jection each	4 0	4 8	5 7	11 2
Ditto, 4½ in. ditto	4 7	6 2	7 4	14 8
Ditto, 6 in. ditto	4 9	6 2	7 4	14 8
Ditto, 9 in. ditto	6 0	7 0	8 4	16 8
Ditto, 12 in. ditto	6 9	7 10	9 4	18 8
Ditto, 15 in. ditto	8 3	8 11	10 7	21 2
Ditto, 18 in. ditto	9 6	10 0	12 1	24 2
Thimbles, 12 in. long ..	—	—	5 8	11 4
Ditto, 24 in. long	—	—	7 7	15 2

Add to above prices, if coated with Dr. Angus Smith's
solution, 5%. If galvanised fittings and pipes add 50%.

Measured Prices.

DRAINS

Manhole Covers and Frames:—

(Fixed complete.)

Description.	Size over Frames	Weight	Prices			
			Painted		Gal- vanised	
	In.	c. q. lbs.	s.	d.	s.	d.
Ordinary pattern, single seal	24 × 18	1 0 0	19	0	40	0
Ditto	24 × 24	1 1 7	27	0	53	0
Ditto	24 × 30	1 2 14	33	9	65	0
Heavy ditto	24 × 18	1 2 11	26	3	63	9
Ditto	24 × 24	1 3 14	35	0	78	9
Ditto	24 × 30	2 1 0	40	0	90	0
Hinged and locking covers	24 × 18	1 1 4	36	0	60	0
Ditto	24 × 24	1 0 19	40	0	63	0
Ditto	24 × 30	1 1 14	43	0	70	6
Double seal covers and frames	24 × 18	1 0 0	23	6	48	6
Ditto	24 × 24	1 1 0	35	0	72	6
Ditto	24 × 30	1 1 14	41	0	68	0
Heavy ditto, fitted with 4 gunmetal screws and rubber joint.. .. .	24 × 18	1 3 11	70	0	107	0
	24 × 24	2 0 13	78	6	117	6
	24 × 30	2 1 13	86	0	130	0
Recessed 2½"	24 × 18	1 2 16	41	0	73	6
Ditto	24 × 24	1 3 18	51	0	88	6
Ditto	24 × 30	2 0 12	66	0	94	6
Extra heavy round shape filled in with elm blocks	18½ } dia. {	2 2 26	84	0		
Ditto	21½ } dia. {	4 0 0	96	0		

Manhole
Covers and
Frames.

Air Inlet with mica valve and cast brass Air grating for 4-inch Ventilating Pipe. *Galvanised*, inlets including joint to 4-in. pipe, each 10s.

Ditto, ditto for 6-inch, ditto, ditto, 20s.

	Coated	Galvan'd.
	s. d.	s. d.
Double seal inspection eye covers with gunmetal locking screw to fit sockets	4-in. pipe 15 0	4-in. pipe 18 0
	6-in. pipe 16 0	6-in. pipe. 21 6

Inspection
eyes.

DRAINS.**Measured Prices.**

Wire domical guards for protection at top of ventilating pipes.

Domical
wire
guards
for vent
pipes.

	3 in.	3½ in.	4 in.
	s. d.	s. d.	s. d.
Galvanised .. .. .each	0 10	0 11½	1 0
Copper, ½ in. mesh	1 10	2 0	2 3

Measured Prices.

Manholes. Manholes should be measured and priced in detail, but approximate prices of Manholes complete in all details, including the following work, are appended :—

Excavation.

Stock walls rendered in cement and sand.

Six-inch cement concrete bottom.

Six-inch white glazed main channel and two 4 in branches setting in concrete with proper benchings.

Manhole covers, see page 63.

Internal dimensions in clear of walls. (Depth to invert of channel.)	Internal faces of walls					
	Pointed brickwork			Add for Rendering in cement		
HALF-BRICK WALLS —	£	s.	d.	£	s.	d.
2 ft. × 1 ft. 6 in. × 2 ft. deep	4	2	0	0	7	6
2 ft. × 1 ft. 6 in. × 3 ft. deep	4	17	0	0	11	9
1. BRICK WALLS—						
2 ft. × 1 ft. 6 in. × 3 ft. deep	7	5	0	0	11	9
Add for every additional ft. in depth	1	8	9	0	5	3
2 ft. × 2 ft. × 3 ft. deep ..	7	15	0	0	13	4
Add for every additional ft. in depth	1	10	0	0	6	3
2 ft. × 2 ft. 6 in. × 3 ft. deep	8	10	0	0	15	0
Add for every additional ft. in depth	1	15	0	0	7	0

Manhole	Coated	each	s. d. 1 9
Step Irons.	Galvanised	„	3 9

Including building in.

Measured Prices.

Heavy cast-iron drain pipes out of $\frac{3}{8}$ in. metal with socket joints run with lead and caulked with yarn, pipes coated internally with Dr. Angus Smith's solution, and laying to fall of 1 in. in 10 ft.

Iron
Drains.

(Note.—Digging and concrete to be measured and priced separately.)

The pipes measured net as laid, including all cuttings and short lengths.

4 in.	5 in.	6 in.	9 in.	Pipes.
s. d.	s. d.	s. d.	s. d.	
<i>Pipes, per foot run—</i>				
2 3	4 0	6 0	12 0	
<i>Ditto, in short lengths for branches—</i>				
3 9	5 0	7 0	14 0	
<i>Extra only to Bends and Taper Pipes, each—</i>				Bends.
10 0	15 0	26 0	50 0	
<i>Ditto to Branches (Single), each—</i>				Branches.
22 0	27 6	35 0	60 0	
<i>Extra Joints, each—</i>				Joints.
3 0	4 6	6 6	8 6	
<i>Cutting pipes, in situ, each:—</i>				Cutting pipes.
4 0	5 0	6 0	9 0	
<i>Taking up and removing pipes, including cutting out joints, per foot run—</i>				Taking up old.
0 6	0 8	0 10½	1 3	
<i>Gully Traps. "P" trap—</i>				Cast-iron gullies.
18 0	—	—	—	
<i>Ditto, "S" Trap—</i>				
20 0	—	—	—	
<i>Extra for Gully Inlet and Grating—</i>				
4 6	—	—	—	
<i>Trap Extension Gully, extension piece top and grating—</i>				
35 0	60 6	70 6	—	
<i>Inspection Chambers, with covers—</i>				Inspection chambers.
49 0	61 0	73 6	160 0	

No. 4.—REINFORCED CONCRETE & FIRE-RESISTING CONSTRUCTION.

Systems. There are so many systems of reinforced concrete and fire-resisting constructions now in use that it is only possible to give a selection under the headings "Floors," "Partitions," "Roofs," etc.

Prices. The size of the works and other considerations govern prices in all cases, but the following may be taken as fair average rates.

**Approximate
Prices.**

Walls, 4 in. thick	<i>per yard super.</i>	13/0 to 19/-
Roofs, flat, safe load $\frac{1}{2}$ cwt. per foot super.,	<i>per yard super.</i>	14/- to 30/6
Floors, including all beams and columns,		
safe load $1\frac{1}{2}$ cwt. per foot super.,	<i>per yard super.</i>	16/- to 32/-
Ditto, ditto, 3 cwt. ditto,	<i>per yard super.</i>	25/- to 51/6
Partitions, 2 in. thick	"	8/9 to 15/-

The above prices include all centreing, forms, etc.

"COIGNET" REINFORCED CONCRETE FLOORS.

Floors.

Comprising reinforced concrete primary beams for 15 ft. span, spaced about 12 ft. apart, carrying secondary reinforced concrete beams 5 to 6 ft. apart, with reinforced concrete slabs, 4 in. thick. To carry a safe load of 2 cwts. per foot super. Complete, including steel reinforcement, centreing, etc.

Floors, 4 in. thick, 24s. *per yard super.*, complete.

"SOMERVILLE" REINFORCED CONCRETE FLOORS.

Comprising P.C. concrete floors with rolled steel joists or steel bar reinforcement embedded in the concrete. Complete, including reinforcement, centreing, etc. Safe load, $1\frac{1}{2}$ cwt.

					<i>Per yard super.</i>	
					s.	d.
10 ft. span.	Concrete 6 in. thick	..			15	6
15 "	" " 9 "	..			20	0

"STUARTS" REINFORCED GRANOLITHIC FLOORS.

Comprising reinforced concrete beams 8 ft. apart, with reinforced concrete floor slabs from 5 to 6 in. thick, and supporting a safe load of $1\frac{1}{2}$ cwts. per foot super. Complete, including steel reinforcement, centering, etc.

17s. 6d. to 20s. *per yard super.*

REINFOR:
CONC:

EXPANDED STEEL REINFORCED FLOORS.

	<i>Per yard super.</i>	Floors.
P.C. Concrete, 4 in. thick, with 3 in. mesh expanded steel embedded in same, but <i>exclusive</i> of steel joists, reinforced concrete beams, centring, etc. For spans of 4 ft. to 6 ft. <i>from</i>	s. d. 8 6	
Ditto, 6 in. thick and ditto, ditto. For spans 6 to 8 ft. <i>from</i>	11 0	
Ditto, 9 in. thick and ditto, ditto. For spans 8 to 10 ft. <i>from</i>	15 0	
<i>Extra</i> for hoisting 6 in. above 1st floor level. For every additional floor in height <i>from</i>	0 6	
<i>Extra</i> for use and waste of flat centring, including fixing and removal.. .. . <i>from</i>	4 6	

REINFORCED CONCRETE FLOOR BEAMS.

Complete with and including steel reinforcement, casings, forms, etc. Cost varies considerably according to locality, materials available, weight to be carried, size, system adopted, etc.	Floor Beams.
<i>4s. 6d. to 6s. per foot cube.</i>	

REINFORCED CONCRETE FLOOR SLABS.

Complete with and including steel reinforcement, casing, etc., but <i>exclusive</i> of floor beams to support same. Cost varies considerably according to locality, materials available, weight to be carried, span, system adopted, etc.	Floor Slabs.
To carry a safe load of $1\frac{1}{2}$ cwts. <i>per foot super.</i>	

	<i>Per yard super.</i>
4 in. thick. For spans 4 to 6 ft. <i>from</i>	s. d. 12 9
6 in. ditto. For spans 6 to 8 ft. „	16 0
9 in. ditto. For spans 8 to 10 ft. „	21 0

REINFORCED CONCRETE CHIMNEY SHAFTS.

Plain, as for factories, etc. Comprising concrete foundations, reinforced concrete shaft, copper lightning conductor, complete. (Height measured from surface of ground to top of cap.)	Chimney Shafts.
	<i>Per foot in height</i>
Not exceeding 100 ft. high	£4 to £5
100 ft. to 200 ft. high	£5 to £6

REINFOR :
CONC :
REINFORCED CONCRETE COLUMNS.
Columns.

Complete, with and including steel reinforcement, casing, etc. Cost varies considerably according to locality, materials available, weight to be carried, size, system adopted, etc.

	<i>Per foot run.</i>
Reinforced concrete stanchions, 12 in. by 12 in in section }	4s. 6d. to 7s.

Concrete arches and steel channels, tie-rods, etc., for Floors, without using steel joists.

	<i>Per foot cube.</i>
Fine concrete filled in to haunches of cambered steel channels between wood casings (in lieu of steel joists), to form arched beams on the channel arch floor system—the steel channels and wood casing not included }	s. d. 2 0
	<i>Per cwt.</i>
Steel channels for last, bent and cambered to required curve (1 in. per foot of span) and fixed }	35 0
Straight ditto, ditto, for wall bearing ..	25 0
Steel tie-rods for ditto	28 0

CASINGS, AND FILLING AND CASINGS TO STEEL LINTLS.
Casings to steel joists, stancheons and lintels.

	<i>Per foot run.</i>
<i>To Beams and Lintels.</i>	
Extreme dimensions—	s. d.
8 × 10 in.	3 2
9 × 12 in.	3 9
10 × 18 in.	5 3
10 × 24 in.	6 10
10 × 27 in.	9 0
<i>To Stancheons.</i>	
12 × 10 in. round 8 × 6 in. stancheons ..	4 4
13 × 11 in. „ 9 × 7 in. „ ..	5 0

Piles.

Reinforced concrete piles executed by the Pressure Piling Co.'s process to eliminate vibration, and where accommodation is very restricted as to head-room, etc.

13½ in. piles including bore, steel reinforcement, and forming concrete piles under pressure.

Internal piles *per ft. per pile from* 20s. to 25s.

External piles *ditto* 15s. to 17s. 6d.

REINFOR:
CONC:

	Thickness.		
	2 in.	3 in.	4 in.
Reinforced concrete partitions, complete with steel rods, finished with a smooth face both sides <i>per foot super.</i>	s. d. 1 0	s. d. 1 2	s. d. 1 4
Add for Shuttering, each side, use and waste <i>per foot super.</i>	0 6	—	—

Partitions.

Metal lathing, and plaster solid reinforced partition, finished smooth face both sides, 2 in. finished thickness ..	Per yard super. s. d. 11 0
Hollow ditto, ditto, all as last, but total thickness 6 in.	19 0
Reinforced concrete partitions, including expanded metal reinforcement (but exclusive of timbering), and finished smooth face both sides, 4 in. total thickness	10 0
CEILINGS.	
Expanded metal lathing, <i>supplied only</i>	10½d. to 1/3
Ditto, ditto, and <i>fixed</i>	1/6 to 2/-
Ditto, ditto, fixed to wood ceiling joists and plastered	4/- to 5/-
Ditto, ditto, in suspended ceilings, including wrought-iron clips, hangers, and ceiling bars complete	5/- to 6/-

Partitions.
Solid
plaster.

Hollow
ditto.

Concrete
partitions.

Ceilings.

	Per foot run.
	s. d.
9 × 6 in. granolithic door sill	5 7½
12 × 6 in. ditto ditto	7 6
7 × 10 in. ditto square steps	7 6
7 × 10 in. ditto spandril ditto	7 0
13½ × 7 in. square or spandril ditto with grooved tread and rounded nosing ..	11 0
24 × 6 in. ditto ditto	16 0

Sills,
Steps, etc.

LANDINGS.

6 in. granolithic landing *in situ*, *per foot super.* s. d. 7 3

Landings.

Supers.

Measured Prices.

No. 5.—BRICKLAYER.

	PER ROD REDUCED. (Including all Rough Cuttings.)	Labour, Materials, and Scaffolding.						Labour, Mortar, and Scaffolding only.		
		Stocks.			Flettons.					
Brickwork.	Reduced brickwork in grey stone lime mortar (3 of sand to 1 of lime) }	£	s.	d.	£	s.	d.	£	s.	d.
		32	0	0	26	0	0	13	0	0
	Ditto, in blue lias lime mortar	32	10	0	26	10	0	13	10	0
	Ditto, in Portland cement and sand (1 to 3) }	34	0	0	28	0	0	15	0	0
	Extra for building walls hollow including 4 gal- vanised iron ties per yd. super, net thickness of brickwork measured, in- cluding forming cavity and fixing ties }	6	5	0	6	5	0	2	0	0
	Add if in underpinning in short lengths }	3	10	0	3	10	0	3	10	0
	Add if in raising on old walls }	1	0	0	1	0	0	1	0	0
	Reduced brickwork laid dry in wells or cesspools .. }	28	0	0	25	10	0	8	0	0
	Ditto, ditto in cement mortar in domes to ditto }	36	0	0	30	0	0	17	0	0
	Ditto, in cement in groined vaulting }	49	0	0	43	0	0	30	0	0
Wells and cesspools.	Brickwork in mortar in chimney shafts not ex- ceeding 50 ft. high .. }	40	0	0	34	0	0	20	0	0
Vaulting.	Ditto, ditto, 50 ft. to 100 ft. high }	42	0	0	36	0	0	21	0	0
Chimney shafts.										

BRICKTOR REINFORCEMENT TO WALLS.

	2"	3"	4"	7"
Reinforce- ment to walls.				
Black .. per yard run	2d.	2½d.	3d.	—
Galvanised ..	2¾d.	4d.	4½d.	—

	Per Foot Super.	Stocks.	Flettons.
		s. d.	s. d.
Circular face.	Extra to brickwork circular on plan, }		
	one face measured, flat curve .. }	0 3	0 3
	Ditto, ditto, quick curve }	0 4	0 4
Battering ditto.	Ditto, to battering face }	0 3	0 3
Half-brick walls.	Half-brick walls in cement }	0 11	0 9½
One-brick ditto.	One-brick in mortar }	1 7	1 5
	Ditto, ditto, in cement }	1 10	1 7
Facing up old walls.	Facing up old walls with brickwork }		
	in cement 4½ ins. thick cut and }	2 0	1 10
	bonded to old work }		
	Ditto, ditto, 9 ins. thick }	2 11	2 9

Measured Prices.

Per Foot Super. (Flettons.)	Price.	
<i>Bricknogging</i> — Bricks on edge in mortar (quarters not deducted) }	s. d. 0 8	Bricknogging.
Ditto, laid flat, ditto	1 0	
Ditto, on edge in cement	0 9	
Ditto, laid flat, ditto	1 2	
<i>Vaulting</i> — Segmental or semicircular in 3 half-brick rings in cement .. }	3 0	Vaulting.
Half-brick trimmer arches, in cement	1 6	Trimmer arches.
<i>Arches</i> (Rough). Rough axed, relieving, extra only on price of brickwork, including all cuttings	0 6	Arches (rough).
<i>Arches</i> (Fair). Fair axed	1 6	
Ditto, circular on plan	3 0	
(Rubbled and gauged, malms or red brick.) (<i>Measure face and soffit.</i>)		Arches (gauged).
Semicircular or segmental, with best malms or red bricks set in putty	5 0	
Ditto, elliptical or Tudor	6 0	
Ditto, <i>circular</i> on plan	7 0	
Ditto, circular circular	10 0	
<i>Note.</i> —For fair arches in different qualities of facing bricks, see FACINGS.		Fair arches

	Per foot Super.	
Bitumen, Grade 2, 3, 4	2d. 2½d. 2½d.	Damp-courses.
Ledkore, in 3 grades	6½d. 8½d. 10d.	
Asphalte, ½ in. thick	6d.	
2 courses slates laid in cement ..	11d.	

		s. d.	
Breeze block 2 in.	per sq. yd.	3 3	Partitions.
" " " " 3 in.	"	4 2	
" " " " 4 in.	"	5 1	
" Moler " " " 2½ in.	"	6 3	
" " " " 3 in.	"	6 6	
" Silpore " " " 2 in.	"	6 6	
" " " " 3 in.	"	7 0	
Frewin's Cavity Brick .. 2 in.	"	5 3	
" " " " 3 in.	"	6 6	
" " " " 4½ in.	"	8 9	
" " " " 9 in.	"	12 3	

BRICKLAYER.

Measured Prices.

Pavings.

PAVINGS.

Laid and grouted in mortar or cement.

Bricks.	Per Yard Super.	Mortar.		Cement.	
		s.	d.	s.	d.
Common stocks, laid flat		6	0	6	6
" " on edge		9	0	10	0
Herringbone, <i>add</i>		0	6	0	6
Paving bricks, best quality, laid flat		10	0	10	6
" " edge " on }		14	6	15	6
" " " her- }		0	9	0	9
ringbone, <i>add</i> }					
Best pressed blue Staffordshire } paving bricks, with bevelled edges, } laid flat }		—		15	0
Ditto, on edge		—		15	0
Ditto, bedded and jointed in pitch ..		—		20	0
Stable } bricks. } Buff or blue chequered stable bricks, } } to proper falls, with closely cut } } and mitred intersections, and } } fitted to channels, horsepots, etc. }		—		17	0
Tiles.	Tessellated tiles, laid square, 6 × 6	—		18	0
	" " " 4 × 4	—		20	0
	<i>Encaustic Tiles</i> , according to design, } laid complete (simple patterns), } black and white, buff and black, } plain red, etc. }	—		20	0
				to	30 0
	Petrous Floor Tiles, in red, black, } buff, grey, etc., ½ in. thick, all } sizes }	—		13	0
Mosaic.	<i>Mosaic Pavings.</i>				
	Common (Terrazzo)	—		15	0
	Roman, plain	—		32	0
	" simple patterns	—		40	0
	" 6 in. key border	—		4	0
	<i>per foot run extra</i> }	—			
	Vitreous mosaic according to design	—		34	0
	Red Quarry tiles, 6" × 6"	—		10	0
	Brown, ditto	—		12	6

Measured Prices.

BRICKLAYER.

		s.	d.
Opalite wall tiling, sizes 6" × 3", 9" × 3" and 6" × 6", fixed complete on prepared walls			
White	<i>per yard super</i>	20	0
Cream and Greens	"	22	0
Blue, Black and Dark Green	"	24	0
Bent angles	<i>per foot run</i>	1	6
Bull-nosed angles, 9" × 3"	"	1	3
Cappings, 9" × 3" and 6" × 3"	"	1	7
Floor or ceiling cove ditto	"	1	2
Sills or heads for windows	"	3	5

	Size		
	6" × 6"	6" × 3"	9" × 3"
	s. d.	s. d.	s. d.
White glazed wall tiling, fixed complete on prepared surfaces			
	<i>per yard super</i>		
Best quality	20 0	20 0	25 0
Commercial quality	18 0	18 0	22 6
Seconds quality	15 0	15 0	18 0
Ditto, ditto, coloured	28 0	—	—
External white glazed angle beads	0 6	0 6	0 6
Spanish white glazed tiling, 8" × 8"	18 0	—	—
External white glazed angle beads	0 7	—	—
Raking, cutting, and waste on tiling		0	6
<i>per foot run</i>			
Cutting at angles	"	0	6

Wall Tiling

OPALITE CEILING SLABS (white)

	s.	d.
Fixed complete on ceiling joists	26	0
<i>from per yard super.</i>		
Ditto on concrete complete with plugging	30	0
<i>from per yard super.</i>		

Ceiling Slabs.

BRICKLAYER.**Measured Prices.****Pointing.** **POINTING** (including raking out old joints).**Brick
cleaning.****Raking and
pointing.****Filleting.****Bedding
and
pointing.**

Per Foot Super.	In Mortar,	In. Cement.
	s. d.	s. d.
Flat joint	0 2½	0 3½
Tuck „	0 6	—
If scaffolding has to be erected, <i>add</i>	0 1	0 1
White joint pointing	0 4	0 5
Brickwork cleaned, coloured, and drawn	0 4	—
Raking wedge and pointing to lead flashings <i>per foot run</i>	—	0 2
Ditto, to stepped ditto	—	0 4
Fillets	—	0 4
Weathering	—	0 6
<i>Bed and point</i> verge, barge, etc. ..	0 3	0 5
Ditto plates	0 1½	0 2
Ditto, and pointing window, door, and other frames	0 1½	0 2
Window sills bedded hollow and made up and pointed <i>each</i>	1 0	1 6

COPINGS.**Copings
and Tile
creasing.**

Per Foot Super.	In Cement.
	s. d.
<i>Copings, per foot run—</i> (Extra only over brickwork and facings.)	
For brick on edge coping in cement, for 1 brick wall	0 3
Ditto, for 1½ brick wall	0 5
Ditto, and one course oversailing and cement fillets	1 0
For double course tile creasing, set and pointed in cement, to 1 brick wall	0 10½
Ditto, to 1½ brick wall	1 4
For blue Staffordshire bull-nosed or saddle back coping, for 1 brick wall	2 0
Ditto, for 1½ brick wall	3 10
Red brick ditto for 1 brick wall ..	1 4
„ „ „ 1½ „ ..	2 6

Measured Prices.

BRICKLAYER.

LABOURS.

<i>Cuttings, etc.</i>		s.	d.	
Rough cuttings on brickwork, to rake, skewbacks, splays, etc., <i>per foot super.</i>	}	0	2	Rough Cuttings Splay.
Ditto, birdsmouth or squint, <i>per foot run</i>		0	4	Squint.
Fair cutting		0	3	Fair.
" to groin point		1	0	Groin point.
" squint quoin		0	6	Chase.
Forming chase for pipes		0	4	
Ditto, 3 in. deep for 6 in. concrete floor <i>per foot run</i>	}	0	2	

Cut and pin :—

	In Stock Facings.	In Glazed Brick Facings.	
	s. d.	s. d.	
Edge of slate, stone, etc., 1½ in. to 8 in. thick .. <i>per foot run</i> }	1 0	2 0	Cut and pin.
Ends of iron bolts, handrail, steel joists, angles, channels, etc., up to 9 in. deep average <i>each</i> }	1 0	2 0	
Ditto, end of timbers, stone stpls, copings, door and window sills <i>each</i> }	0 6	1 0	
Ditto, large steel joists, average <i>each</i> }	1 6	3 6	
Ditto, compound girders	2 6	5 0	

Cut and bond, per foot super. :—

	s.	d.	
New brick walls to old, in mortar	0	6	Cut and bond.
Ditto, in cement	0	9	
Level and prepare old walls to receive new in raising	0	3	Level and Prepare.
Dubbing out up to 2 in. with tiles in cement	0	2	Dubbing out.

BRICKLAYER.**Measured Prices.**

**Perfora-
tion in
Walls
and
Concrete.**

Perforations in brick walls or concrete floors for 2 in., 3 in., 4 in., 6 in. pipes, etc., and making good. Per inch in thickness or depth of hole cut.

In Mortar.	In Cement.
d. 4	d. 5

Cutting door, window, etc., openings in existing walls :—

**Cutting
Openings
in Walls.**

—		In Lime.	In Cement.
		s. d.	s. d.
Cutting through walls to form door, window, etc., openings or existing openings, including shoring up over, re-using old bricks as required and removing rubbish, <i>net size of opening measured.</i>			
1 brick walls	<i>per foot super</i>	0 6	1 0
1½ ditto	" "	0 10	1 6
Other thicknesses in proportion.			
Stone or concrete walls,	} <i>per foot cube</i>	—	2 6
Facing up jambs and making good to arches, lintels, or sills, including cutting and bonding new work to old in brick walls with part new bricks.. ..		1 6	2 0
	<i>per foot super</i>		
In stone or concrete walls		—	2 6
If including forming reveals add ..		0 6	0 9

SUNDRIES. Measured Prices.

BRICKLAYER.

			s. d.	
<i>Chimney-pots.</i>				Chimney pots.
Plain red-ware chimney-pots, 1 ft. high, and setting and flaunching in cement and sand .. .. .	..	each	6 0	
Ditto, 2 ft. .. .. .	..	from	7 10	
Ditto, 3 ft. high, ditto .. .. .	..		16 0	
Ditto, 4 ft. high, ditto .. .. .	..		23 0	
Louvred tops for ditto .. .. .	..	each	12 0	
Down-draught Preventing Chimney-pot, 2 ft. high and ditto, salt glazed Champion or Edwardian .. .. .	..		37 6	
Terra-cotta ditto .. .. .	..		42 0	Coring flues.
Parge and core flues, up to 50 ft. ditto ..	..		5 0	
<i>Air-Bricks, etc.</i>				Air bricks.
9 × 3 in. terra-cotta air bricks and building in forming opening and rendering .. .. .	..	each	3 8	
9 × 6 in. ditto .. .. .	..		5 2	
9 × 9 " " .. .. .	..		8 6	
12 × 9 " " .. .. .	..		12 0	
14 × 9 " " .. .. .	..		15 0	
<i>Gas flue blocks and building in, single</i>				
12 × 2 in. flue:—	A	B	Double	
Straight blocks	2 0	2 5	3 6	
Raking 45°	4 0	4 3	6 0	
Ditto, 60°	3 0	3 3	4 9	
Cover blocks	3 0	3 3	5 0	
Building in sets, 3 to a set	5 6	6 8	8 6	
Terminals and Caps	12 0	12 0	16 0	
<i>Corbels.</i>				Corbels.
Galvanised wrought-iron corbels 12 in. long out of ½ × 2½ in. bar, and building in .. .. .	..	each	6 6	
<i>Fixing bricks, breeze, or cement concrete</i>				Fixing bricks.
.. .. .	..	per doz.	1 6	
<i>Setting stoves, etc.</i>				Setting stoves, chimney-pieces, hearths, etc.
In openings up to 30 in. wide .. .. .	..	each	15 0	
Ranges, ditto .. .. .	..	"	80 0	
Setting marble chimney-pieces up to 36 in. opening .. .. .	..	each	20 0	
Ditto, tile hearths in cement and plaster of Paris .. .. .	..	per foot super.	0 6	
Ditto, marble or stone curbs (6 × 4 in.) in cement .. .. .	..	each	7 6	
<i>Hoop-iron bond, tarred and sanded, and laid in walls (measured net):—</i>				Hoop-Iron bond.
No. 16, 1½ in. wide .. .. .	..	per yard run	0 3	
No. 15, 1½ in. wide .. .. .	..	"	0 5	
Ditto .. .. .	..	per cwt.	31 0	
<i>Wall ties.</i>				Wall ties.
Galvanized for hollow walls (9 in. long for 2½ in. cavity) .. .. .	..	per 100	12 6	
Ditto (12 in. long for 4½ in. cavity) ..	..		25 0	

Fire-work, per foot super. :—

		s. d.	
Fire-brick in fire-clay, lining to chimney-shafts or flues, 4½ in. thick, fair face inside	..	1 6	Fire-work.
Ditto, ditto, 9 in. .. .. .	..	2 9	
Ditto, ditto, circular on plan .. .. .	..	4 0	
Fire-lump paving, 3 in. thick, and set in fire-clay	..	1 6	

See TERRA-COTTA WORKER.

Terra-Cotta
Carrara
Ware.

BRICKLAYER.

Measured Prices

Facings.

Item.	Facings. Extra on Fletton Brickwork for Facings of—	Per foot super.		If Circular on Plan, per ft. super.		Fair Segmental Arch in Half- Brick Rings, per ft. super.		Extra Fair Semi- circular ditto, per ft. super.	
		s.	d.	s.	d.	s.	d.	s.	d.
1 {	Ordinary bricks, the joints struck flush as the work proceeds and twice lime- whited	0	1	0	3	0	6	0	6
2 {	Picked stocks, pointed with neat flat, struck, or weathered joint, in Eng- lish or Flemish bond ..	0	7	0	10	1	0	1	0
3 {	Chesham, Luton or other multi-coloured facings at 140s. per 1000 delivered	0	11	1	3	1	6	1	6
4 {	White Suffolks, ditto, ditto	0	10	1	1	1	3	1	3
5 {	Aylesford white pressed gaults, Midhurst white or other similar bricks, p.c. 100s. per 1000 delivered	0	7	0	10	1	0	1	0
6 {	Arlesey, ditto, ditto	0	8	0	11	1	0	1	0
7 {	Blue Staffordshire, pressed, best quality	1	6	2	0	1	9	1	9
8 {	White, salt glazed or ivory glazed bricks (leadless glaze), first quality, pointed with a neat flush joint in neat cement, any damaged bricks to be cut out and made good at completion	3	4	5	0	7	6	7	6
9 {	Ditto, ditto, second quality, ditto	3	2	4	10	7	0	7	0
10 {	Buff or colour glazed (best quality), ditto	4	4	6	0	8	6	8	6
11 {	For other facings calculate at 1½d. per foot super. for every 10s. difference in value per 1000 between hidden bricks and facing bricks	—	—	—	—	—	—	—	—

Facings.

Measured Prices.

BRICKLAYER.

only to—

Moulded Work
(Girth Measure).

(Girth Measure).															Item.					
Fair Cutting, per ft. run.		Fair Cutting, Circular, per ft. run.		Bull-nosed Angle or Chamfered Plinth Brick, per ft. run.		Ditto, Circular or ditto, per ft. run.		Mitres, each.		Stop Ends, each.		Two Courses over Sailing, per ft. run.		Straight, per ft. super.		Circular, per ft. super.		Mitres or Stops, per in. run.		
s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	
0	2	0	3	0	4	0	8	0	6	0	6	0	2	—	—	—	—	—	—	1
0	2 $\frac{1}{4}$	0	3 $\frac{3}{4}$	0	6	1	0	0	9	0	9	0	3	—	—	—	—	—	—	2
0	3	0	5	0	6	0	9	0	9	0	9	0	3	2	0	3	0	2	0	3
0	3	0	5	0	6	0	9	0	9	0	9	0	3	2	0	3	0	2	0	4
0	2 $\frac{1}{4}$	0	3 $\frac{3}{4}$	0	6	1	0	0	9	0	9	0	3	2	0	3	0	2	0	5
0	2 $\frac{1}{2}$	0	4	0	6	1	0	0	9	0	9	0	3	2	0	3	0	2	0	6
0	9	1	6	0	6	1	6	1	0	1	0	1	0	—	—	—	—	—	—	7
1	0	1	6	0	9	2	6	1	6	1	6	1	6	—	—	—	—	—	—	8
1	0	1	6	0	9	2	6	1	6	1	6	1	6	—	—	—	—	—	—	9
1	3	1	10 $\frac{1}{2}$	1	0	3	1	1	10 $\frac{1}{2}$	1	10 $\frac{1}{2}$	1	10 $\frac{1}{2}$	—	—	—	—	—	—	10
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11

ASPHALTER.

Measured Prices.			
Damp- proof course.	<i>Damp-proof course, $\frac{1}{2}$ in. thick . . . per ft. super.</i>	s.	d.
	<i>Ditto, vertical, $\frac{3}{4}$ in. thick</i>	0	4 $\frac{1}{2}$
	<i>in two coats, per yd. sup.</i>	8	6
Paving Floors, Roofs.	<i>1 in. in 3 coats " "</i>	9	6
	<i>$\frac{1}{2}$ in. paving, in one layer</i>	3	9
	<i>per yd. super.</i>		
	<i>$\frac{3}{4}$ in. ditto, in 2 coats</i>	4	9
	<i>per yd. super</i>		
	<i>1 in. ditto, in two $\frac{1}{2}$ in. layers</i>	7	0
	<i>per yd. super.</i>		
	<i>$\frac{3}{4}$ in. flat in two thicknesses</i>	5	6
	<i>laid on boarding, including felt . . . per yd.</i>		
	<i>$\frac{1}{2}$ in. vertical margin, in narrow widths. . per ft. sup.</i>	0	9
Skirtings.	<i>1 in. ditto, ditto</i>	1	0
	<i>$\frac{1}{2} \times 6$ in. square skirting, including fillet . . .</i>	0	10
	<i>per ft. run</i>		
	<i>$\frac{1}{2} \times 7\frac{1}{2}$ in., ditto, "</i>	1	0
	<i>$\frac{1}{2} \times 15$ in. ditto "</i>	1	9
	<i>$\frac{3}{4} \times 3$ in. ditto, including angle fillet</i>	0	8
	<i>per ft. run</i>		
	<i>$\frac{3}{4} \times 5$ in. ditto ditto "</i>	0	10
	<i>$\frac{3}{4} \times 9$ in. ditto "</i>	1	1 $\frac{1}{2}$
	<i>Angle fillets</i>	0	2 $\frac{1}{2}$
Labours.	<i>Labour to rounded angle or arris . . . per ft. run</i>	0	2
	<i>$\frac{3}{4}$ in. covering in narrow widths to boarded gutter soles . . . per ft. sq.</i>	0	10
	<i>Labour forming channel</i>		
	<i>3 in. wide as gutter, . .</i>	0	4
	<i>per ft. run</i>		
	<i>Ditto, 6 in. ditto "</i>	0	8
	<i>Ditto, 9 in. ditto "</i>	1	0
	<i>Labour forming cesspools</i>		
	<i>9 in. square . . . each</i>	5	0
	<i>Labour forming dishings</i>		
	<i>to gullies each</i>	2	6
	<i>Dressing through parapet walls, including skirting and angle fillets . . each</i>	3	6
	<i>Making good flats around 2 in. dia. outlet with water-tight joint . . each</i>	1	0
	<i>Ditto, ditto, around W.C. pan, including collar angle fillet . . each</i>	1	6

By the same Author.

SPONS'
PRACTICAL BUILDERS'
POCKET-BOOK

**A Reference Book of Memoranda and
Tables for Architects and Builders**

EDITED BY

CLYDE YOUNG, F.R.I.B.A.

• 74 Illustrations, 532 pp., maroon cloth.

8s. 6d. net

No. 6.—MASON. *Stone, including sawing and waste and*

Per foot cube.		Ancaster.	Bath.	Clipsbam.	Chilmark.
		s. d.	s. d.	s. d.	s. d.
1	Stone measured net, exclusive of setting	7 5	5 0	7 5	8 0
2	Ditto, ditto, including scaffolding, hoisting not exceeding 40 ft. high, and setting in mortar, joints $\frac{1}{10}$ in. .. .	10 2½	8 5	10 2½	10 9
3	Add if in lengths exceeding 6 ft. or exceeding 40 ft. cube and not more than 80 ft. cube in one stone	1 0	0 6	0 6	1 0
4	Add if hoisted above 40 ft., for every additional 10 ft. .. .	0 3	0 3	0 3	0 3
5	Add if set in Portland cement	0 3¾	0 3¾	0 3¾	0 3¾
6	Add if specially selected for carving	—	1 0	1 0	—
7	Ditto for sculpture	—	1 1½	1 0	—
8	Stone fixed complete, including average labours .. .	15 6	13 6	18 6	16 6
Labours on Stone, per ft. sup.					
9	Plain face rubbed (or once-axed face if granite)	1 8	0 8	0 10	1 8
10	Ditto, ditto, circular	2 2	1 2	1 4	2 2
11	Ditto, ditto, circular circular	4 4	2 0	2 6	4 4
12	Fine axed face	—	—	—	—
13	Arch joints	—	—	—	—
14	Sunk joints	1 8	0 8	0 10	1 8
15	Ditto, circular	2 0	0 10	1 0	2 0
16	Rough sinking	3 0	1 0	1 2	2 6
17	Sunk face	1 4	0 10	1 0	1 2
18	Ditto, stopped	1 8	1 2	1 4	1 8
19	Ditto, circular	2 0	1 4	1 6	2 0
20	Ditto, ditto, stopped	3 0	1 6	1 8	3 0
21	Ditto, circular circular	3 4	1 8	1 10	2 6
22	Ditto, ditto, stopped	4 4	2 6	2 8	4 0
23	Moulding	5 4	3 0	3 2	5 0
24	Ditto, stopped	3 4	2 0	2 2	3 0
25	Ditto, circular	3 10	2 2	2 4	2 6
26	Ditto, ditto, stopped	4 4	2 6	2 8	4 0
27	Ditto, Gothic	5 0	2 8	2 10	4 8
28	Ditto, ditto, circular	6 8	3 8	4 0	6 0
29	Add if in short lengths, 12 in. and under	8 0	4 2	4 6	7 4
30	Add if polished	1 0	0 6	0 8	0 6
31	Bosting and preparing for carving	1 2	0 8	0 8	0 6
32	Columns (circular plain work to shafts)	4 4	2 6	2 8	4 0
33	Ditto (circular moulded work to caps and bases)	6 6	3 4	4 0	6 0
Per ft. run:—					
34	Chamfer or rebate, 1 in. girth and under	0 4	0 2	0 3	0 3

labours to plain beds and joints. Material & labour. MASON.

Darley Dale.	Hopton Wood.	Mansfield Red.	Weldon.	Portland.	Yorkshire.	GRANITE. Quarry worked		
						Aberdeen.	Cornish or Guernsey.	
s. d. 8 6	s. d. 22 6	s. d. 8 0	s. d. 6 0	s. d. 8 6	s. d. 12 7	s. d. 18 10½	s. d. 15 11	1
12 7½	27 0	12 7	10 7	12 7½	17 0	24 0	21 0	2
1 1½	2 6	0 9	0 9	0 9	0 9	2 3	1 8	3
0 3	0 3	0 3	0 3	0 3	0 3	0 3	0 3	4
0 4½	0 4½	0 4½	0 4½	0 4½	0 4½	0 4½	0 4½	5
—	0 6¾	—	—	0 6¼	—	—	—	6
—	1 1½	—	—	1 1½	—	—	—	7
17 6	50 0	16 6	14 0	17 6	20 0	50 0	47 6	8
2 0	2 6	1 6	2 0	1 6	1 6	3 0	3 0	9
2 6	3 0	2 0	2 8	2 0	2 0	4 0	4 0	10
2 0	5 0	4 0	5 0	4 0	4 0	7 0	7 0	11
—	—	—	—	—	—	5 0	5 0	12
1 8	2 0	1 6	2 0	2 0	1 8	3 0	3 0	13
1 8	2 0	1 8	2 4	2 0	1 10	3 0	3 0	14
2 4	2 6	2 0	2 8	2 8	3 4	4 0	4 0	15
1 8	1 10	1 4	1 6	1 4	1 6	—	—	16
2 6	2 8	1 8	2 4	2 2	2 6	4 6	4 0	17
3 0	3 2	2 0	2 8	2 8	3 0	—	—	18
3 4	3 6	2 2	2 10	3 0	3 4	7 0	6 0	19
3 6	3 8	2 8	2 6	3 6	3 6	—	—	20
4 6	4 8	3 8	4 6	4 6	4 6	9 6	8 6	21
5 6	5 8	4 8	5 6	5 6	5 6	—	—	22
3 8	4 6	3 4	4 0	3 6	4 0	9 0	8 0	23
4 4	5 0	3 8	4 8	4 0	4 6	—	—	24
5 4	6 0	4 4	5 6	4 6	5 0	10 6	9 0	25
5 8	6 6	4 8	6 0	5 4	5 8	—	—	26
7 6	—	6 4	7 0	7 0	—	—	—	27
9 0	—	7 8	8 4	8 4	—	—	—	28
1 0	1 2	0 8	0 10	0 8	0 10	2 6	2 0	29
—	4 0	—	—	—	—	7 0	7 0	30
1 4	1 6	1 2	1 4	1 2	—	—	—	31
4 6	4 8	4 0	4 6	4 4	—	9 0	8 0	32
6 8	7 0	6 0	7 0	6 8	—	13 6	12 0	33
0 5	0 6	0 4	0 5	0 4	0 4½	—	—	34

MASON.

Measured Prices. *Labours, on stone, continued.*

	Per foot run.	Ancaster.	Bath.	Clipsam.	Chilmark.
		s. d.	s. d.	s. d.	s. d.
35	Chamfer or rebate, 2 in. girth	0 6	0 3	0 4	0 4
36	Ditto, 3 in. ditto	0 8	0 4	0 5	0 6
37	Moulding, rubbed, 1 in. girth	0 7	0 4	0 5	0 6
38	Ditto, ditto, <i>circular</i>	0 10	0 6	0 7	0 9
39	Ditto, 2 in. girth	0 9	0 6	0 7	0 7
40	Ditto, ditto, <i>circular</i>	1 3	0 9	0 10	1 0
41	Ditto, 3 in. girth	1 0	0 8	0 9	0 9
42	Ditto, ditto, <i>circular</i>	1 4	1 0	1 1	1 1
43	Throat or groove	0 4 $\frac{1}{2}$	0 3	0 3 $\frac{1}{2}$	0 4
44	Ditto, <i>circular</i>	0 5 $\frac{1}{2}$	0 3 $\frac{1}{2}$	0 4 $\frac{1}{2}$	0 5
45	Mitres to mouldings, <i>per inch</i> <i>in girth</i>	0 3 $\frac{1}{2}$	0 2 $\frac{1}{2}$	0 2 $\frac{1}{2}$	0 3
46	Stopped ends, ditto	0 3	0 2	0 2	0 3
47	Tooled edge or plain face not more than 3 in. wide ..	0 5	0 2 $\frac{1}{2}$	0 2 $\frac{1}{2}$	0 5
48	Ditto, ditto, <i>circular</i>	0 8	0 3 $\frac{1}{2}$	0 4 $\frac{1}{2}$	0 8
49	Chase for 3 in. or 4 in. pipe ..	1 3	0 7	0 9	0 10
50	Channel, 3 in. diameter ..	0 10	0 6	0 8	0 8
51	Ditto, 6 in. diameter	1 6	0 11	1 4	1 4
52	Mortices, as for rail holes, balusters, dowels, bolts, etc., not exceeding 8 cub. in., and running in with lead, <i>each</i> }	2 6	1 6	1 8	2 6
53	Letting in hinges for doors or small gates <i>each</i> }	3 2	2 0	2 2	3 0
54	Cramps, 6 in. galvanised iron and letting in and lead ..	3 0	2 0	2 4	3 0
55	Ditto, 12 in. ditto, ditto ..	5 0	3 8	4 0	4 8
56	Ditto, 6 in. copper, 1 \times $\frac{1}{2}$ in., ditto	4 6	3 0	3 6	3 6
57	Ditto, 12 in. ditto, ditto ..	3 6	5 6	6 0	6 6
58	Ditto, gunmetal ditto, weight 1 lb., run with cement ..	1 6	2 6	2 8	3 0
59	Slate dovetailed, ditto, and run with cement	1 6	1 4	1 4	1 6
60	Cutting plain block letters, figures, etc <i>per inch</i> }	0 5	0 4	0 4	0 5
61	<i>Ashlar, per ft. super. :—</i> Stone and all labours includ- ing plain beds and joints and hoisting and setting in mortar (joints not more than $\frac{1}{10}$ in.), not exceeding 40 ft. high, and cleaning down, average 4 in. on bed	4 6	3 6	4 6	5 6
62	Add if set and jointed in cement	0 2	0 2	0 2	0 2
63	Add if hoisted above 40 ft., for every 10 ft.	0 2	0 2	0 2	0 2
64	Add for every inch above 4 in. in thickness on bed ..	1 2	0 10	1 2	1 4 $\frac{1}{2}$
65	Add if with bond stones 7 ft. apart, each containing 24 in. cube	2 4	1 8	1 10	1 10

Mortices, Cramps, Ashlar, etc.

MASON.

Darley Dale.	Hopton Wood.	Mansfield Red.	Weldon.	Portland.	Yorkshire.	GRANITE. Quarry worked.		
						Aberdeen.	Cornish or Guernsey.	
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	
0 6	0 7	0 5	0 6	0 5½	0 6	—	—	35
0 8	0 10	0 7	0 8	0 8	0 8	—	—	36
0 8	0 9	0 6	0 7	0 6	0 7	—	—	37
1 0	1 1	0 9	0 10	0 9	0 10	—	—	38
0 10	0 11	0 8	0 9	0 8	0 9	—	—	39
1 2	1 4	1 0	1 0	0 11	1 0	—	—	40
1 1	1 2	0 10	1 0	1 0	1 0	—	—	41
1 6	1 8	1 3	1 4	1 4	1 4	—	—	42
0 5	0 5	0 4	0 5	0 4	0 4½	0 8	0 8	43
0 6	0 6	0 5	0 6	0 5	0 5½	0 10	0 10	44
0 2½	0 4	0 3	0 4	0 3	0 3½	0 8	0 8	45
0 3	0 4	0 2½	0 3	0 3	0 3	0 8	0 8	46
0 5	0 6	0 5	0 6	0 6	0 5	0 8	0 8	47
0 8	0 9	0 7	0 8	0 9	0 8	1 0	0 11	48
1 3	1 4	1 1	1 3	1 4	1 5	2 2	1 10	49
0 10	0 10	0 9	0 10	0 10	0 11	1 2	1 0	50
1 6	1 6	1 5	1 6	1 6	1 7	2 6	2 4	51
2 6	2 6	2 6	2 6	2 6	2 6	3 0	2 8	52
3 0	3 0	3 0	3 6	3 2	3 4	4 0	3 6	53
2 8	3 0	2 8	3 0	2 8	3 0	—	—	54
4 4	5 0	5 0	5 6	4 6	5 0	—	—	55
3 8	4 0	4 0	4 6	3 6	4 0	—	—	56
6 6	7 0	7 0	7 0	6 0	7 0	—	—	57
3 2	3 6	3 0	3 6	3 0	—	—	—	58
1 8	1 9	1 6	1 9	1 6	1 8	—	—	59
0 6	0 6	0 5	0 5	0 5	0 5	0 8	0 7	60
6 0	18 0	6 0	4 9	5 0	—	15 0	12 6	61
0 2	0 2	0 2	0 2	0 2	—	0 2	0 2	62
0 2	0 2	0 2	0 2	0 2	—	0 2	0 2	63
1 4	4 6	1 0	1 2	1 4	—	3 9	3 2	64
2 6	3 0	2 0	2 6	2 6	—	7 0	6 6	65

Cubes.

Supers.

MASON.

Measured Prices.

Copings.

Material and Labours.	An-caster.	Bath.	Port-land.	York-shire.
<i>Per foot cube :—</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Copings, of any section above 5 in. thick, in- cluding beds and joints, hoisting up to 40 ft. and all labours as above, and setting and jointing in mortar	16 0	14 0	18 6	20 0
Add if set in cement ..	0 4	0 4	0 4	0 4

Copings (Horizontal or Raking).

In lengths not less than 3 ft., including all beds and joints, and hoisting not over 40 ft., and setting and jointing in mortar :—

	Thick-ness.	An-caster.	Bath.	Port-land.	York-shire.
<i>Per foot super. :—</i>		<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Feather-edged coping, fair	2½ in.	4 1	2 6½	4 3½	4 6
tooled or rubbed on all exposed	3 "	4 5½	3 1	4 5½	5 0
faces, and	4 "	5 9	4 0	5 9	7 3
weathered and throated, average	5 "	7 1	5 0	7 1	9 0
Saddle-back, ditto,					
ditto, throated on both edges—	3 "	5 0	3 9	5 9	6 0
thickness at	4 "	6 0	5 0	6 8	7 3
centre	5 "	7 6	6 3	7 11	9 6
Parallel, ditto,	2½ "	—	—	4 0	4 3
ditto	3 "	—	—	4 6½	5 3
	4 "	—	—	5 9	7 0
	5 "	—	—	7 1	8 6
Add if set and jointed in } cement }		0 3½	0 3½	0 3½	0 3½
Add for hoisting every } 10 ft. above 40 ft. .. }		0 1½	0 1½	0 1½	0 1½
Taking up, lowering, } cleaning, and stacking } old copings }		0 3	0 3	0 3	0 3
Resetting and jointing } ditto }		0 8½	0 8½	0 8½	0 8½

Note.—Copings circular on plan or circular ramps and returned ends at rates on pp. 82 and 84.

Measured Prices.

MASON.

Per foot cube.	Portland.	Hard Yorkshire.	Aberdeen Granite.	Cornish or Guernsey Granite.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
<i>Curbs :—</i>				
Straight, not exceeding 12 × 6 in., and set and jointed in mortar	18 3	19 0	20 0	18 0
Ditto, ditto, exceeding 12 × 6 in.	17 9	18 6	19 0	17 6
Add if set in cement ..	0 6	0 6	0 6	0 6
<i>Note.—Curbs circular on plan at rates on p. 78.</i>				
Rounded corners or ends, each	2 0	2 6	—	—
<i>Steps, Thresholds or Sills :—</i>				
Square, rubbed or worked smooth on exposed sur- faces, and set and jointed in mortar, measured net as set, including all beds and joints	18 3	18 6	40 0	35 0
Spandril ditto, ditto, mea- sured net as set	20 0	20 6	50 0	45 0
Diagonal winders, ditto, ditto	21 6	22 0	60 0	50 0
Add if in lengths exceed- ing 6 ft.	0 6	0 4	1 0	0 10
Rounded ends	2 9	2 9	5 0	5 0
„ corners	2 3	2 6	4 0	4 0

Curbs.

Steps,
Thres-
holds,
Sills.

Per foot cube.	Ancaster.	Bath.	Portland.	Hard Yorkshire.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
<i>Window Sills :—</i>				
Including all beds and joints (sills not more than 6 ft. long, in one stone), and hoisting and setting at any height.				
Rubbed, sunk, weathered, and throated with stopped ends and stools, and setting in mortar ..	18 6	15 6	20 8	22 0
Ditto, ditto, <i>circular</i> ..	21 6	18 6	23 8	25 0
9 × 3 in. ditto, ditto <i>per ft. run</i>	5 0	4 0	5 6	6 0
9 × 4 in. ditto, ditto „	6 0	5 4	7 8	8 0
Groove for water bar, etc. „	0 4	0 3	0 4	0 4
Fair ends .. .. .each	0 8	0 6	0 8	0 8

Window
Sills.

MASON.

Measured Prices.

Hearths,
Jambs,
Mantel-
shelves,
etc., to
Chimney-
pieces
(Portland
and York).

Per foot super.	Portland.	Yorkshire.
<i>Hearths, and Chimney Pieces to Fireplaces, including cramps, mortar or cement setting.</i>	<i>s. d.</i>	<i>s. d.</i>
2 in. Hearth rubbed	4 11	3 3
2½ in. ditto	5 6	3 9
3 in. ditto	6 0	4 6
1 in. Jamb, mantel-shelf or slip ..	4 2	3 3
1½ in. ditto	4 2	3 7
1½ in. ditto	4 4	3 7
2 in. ditto	5 3	4 1
<i>Add if in repairs only—including removing old</i>	1 0	1 0
<i>Soffit of shelf rubbed, labour only ..</i>	1 1½	1 1½
<i>Labour to reeds, flutes, hollows, or beads, including mitres and stops per foot run</i>	0 6	0 6
<i>Ditto, rounded corners, scalloping, etc. per foot run</i>	0 8	0 8
<i>Ditto to notchings to hearths .. each</i>	0 8	0 8

Landings
of York
Stone.

Per foot super.	Materials and Labour.	
	Set and Jointed in Mortar.	Taking up and removing old.
<i>Yorkshire stone landings.</i>	<i>s. d.</i>	<i>s. d.</i>
3 in. Rough or self-faced in stones, not exceeding 30 ft. superficial in each stone, and hoisting and setting not exceeding 40 ft. high, Joggle joints, sunk and tooled edges, not included	3 0	0 3
4 in. ditto	3 8	0 3
5 in. ditto	4 10	0 4
6 in. ditto	5 10	0 4
<i>Add for rough tooled face</i>	0 6	—
<i>Ditto fair ditto</i>	0 10	—
<i>Ditto rubbed each face</i>	1 2	—
<i>Ditto if laid and jointed in cement ..</i>	0 4	—
<i>Ditto for hoisting every 10 ft. above 40 ft. high</i>	0 2	—

Measured Prices.

MASON.

Pavings:—

Quarry, tooled on face, meeting joints squared $\frac{1}{4}$ of the thickness, laid to falls, including laying and jointing in mortar:—

Per foot super.	Craig-leith (rubbed face, edges jointed)	Hopton Wood.	Portland.	Hard Yorkshire.	Taking up and resquaring and relaying old.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
2 in. thick	9 9	8 6	3 0	3 0	0 6
2½ „	10 10	10 6	3 8	3 8	0 6
3 „	12 1	12 6	—	4 4	0 7
4 „	—	15 0	—	5 6	0 8
Add if laid and jointed in cement ..	—	0 4	0 4	0 3	—
Add if rubbed or fine tooled	—	1 2	0 6	0 6	—
<i>Labours—</i>					
Sunk joint <i>per ft. run</i>	0 8	0 6	0 4	0 4	—
Ditto, radiating, including waste ..	2 0	1 6½	1 0	1 0	—
Rebated edge	1 0	0 9½	0 4	0 4	—
Scribing, including waste	0 8	0 6	0 4	0 4	—
Circular cutting, including waste ..	2 0	1 6	1 0	1 0	—

Pavings (Portland and York etc.).
See also “Pavior.”

Per foot cube.	Portland.	Hard Yorkshire.
	<i>s. d.</i>	<i>s. d.</i>
<i>Pier Caps, Hinge and Stop Stones:—</i>		
In one stone, including all labours and setting and jointing in mortar:—		
Pier caps, plain, weathered on top and throated all round	19 4	18 4
Hinge stones, fair on exposed faces and rebated	16 0	15 0
Stop stones	—	13 0
Base stones for stancheons and columns chamfered on top edge, exposed faces plain worked and sunk for iron stancheons, etc.	16 6	15 6

Pier Caps, Hinge Stones, etc.

Base Stones.

MASON.

Measured Prices.

Templates
(Hard
York).

Templates (Hard Yorkshire Stone):—
Rubbed on face and exposed surfaces and including
bedding and jointing in cement:—

	Thickness.			
	3 in.	4 in.	6 in.	9 in.
	s. d.	s. d.	s. d.	s. d.
9 × 9 in. . . . each	2 3	3 0	4 3	6 1
14 × 9 in. . . . "	3 9	4 6	5 9	8 9
18 × 12 in. . . . "	6 0	7 3	10 0	13 6
23 × 12 in. . . . "	7 6	9 0	12 0	17 6
27 × 12 in. . . . "	8 6	10 6	14 0	19 6
36 × 18 in. . . . "	13 6	18 0	27 0	40 6

Perfora-
tions or
holes in
stone.

	Per inch in Depth.			
	Bath.	Port- land.	York.	Granite
	s. d.	s. d.	s. d.	s. d.
Perforations, sinkings and mortises, square or cir- cular, at <i>per foot super.</i>				
For areas not exceeding 1 ft. super. }	0 5	1 0	1 1	2 0
For areas exceeding 1 ft. super. }	0 4	0 8	0 8½	1 9

Note.—Circular perforations measured square.

Drilling
holes
through
stone.

Per foot run.	Bath.	Port- land.	York- shire.	Granite
	s. d.	s. d.	s. d.	s. d.
Drilling holes for bolts, pipes, etc.—				
1 in. diameter or under . .	0 10	1 3	1 8	2 6
1½ " " " " . .	1 0	1 6	2 0	3 0
2 " " " " . .	1 2	1 9	2 4	3 6
2½ " " " " . .	1 6	2 3	3 0	4 6
3 " " " " . .	2 0	3 0	4 0	6 0
3½ " " " " . .	2 6	3 9	5 0	7 6

Note.—If holes are drilled in *position*, double the
above prices.

Measured Prices.

MASON.

Per foot cube.	Materials and Labour.	Labour only.	Walling. Rubble.
<i>Walling:—</i>	<i>s. d.</i>	<i>s. d.</i>	
<i>Kentish rag rubble</i> in courses 9 to 12 in. high, one bond stone to every 9 ft. cube, built in stone lime mortar, including quoins and hammer-dressed facings, in walls not more than 16 in. thick	3 9	1 0	
<i>Ditto</i> , squared, with horizontal beds or vertical joints	5 0	1 0	
<i>Ditto</i> , rough only, in foundations, backings to walls, etc., and additional in walls thicker than 16 ins.	2 6	0 9	
<i>Labour</i> forming external or internal angles <i>per foot run</i>	—	0 6	

	Materials and Labour.	Labour and Mortar only.	Flint.
<i>Flint</i> walls in courses not more than 12 in. high, built in stone lime mortar, well grouted and pointed on face <i>per yard cube</i>	<i>s. d.</i> 36 0	<i>s. d.</i> 19 0	
<i>Add</i> if in Portland cement mortar ..	3 0	—	
Facings of flints average 6 in. thick built and neatly pointed with cement <i>per yard super.</i>	7 0	4 6	
<i>Ditto</i> , ditto, but knapped on face <i>per yard super.</i>	11 0	8 6	

Rubble walling taken down, cleaned, and stacked for re-use, *per yard cube*. 7/-.

SUNDRIES.

	<i>s. d.</i>	Cleaning stone and coating with pre-servatives.
Stone cleaned down with stubs and sand <i>per yard super.</i>	1 0	
<i>Ditto</i> mouldings ditto <i>per foot super.</i>	0 3	
<i>Add</i> if coated with preservative solution:—		
One coat <i>per yard super.</i>	0 6	
Two coats „	0 10	
<i>Extra</i> if to mouldings:—		
One coat <i>per foot super.</i>	0 1	
Two coats „	0 1½	
Stone cleaned and rubbed with grit stone <i>per yard super.</i>	1 8	

**TERRA-COTTA
WORKER.****Measured Prices.****TERRA-COTTA.**

The price of terra-cotta varies according to the quantity that can be cast from one mould. The greater the quantity of one article, the cheaper the work.

(Prices, including Fixing and Filling in.)

Terra-Cotta.	Terra-cotta, plain or moulded, .. <i>per foot cube</i> 13/- Vitreous Terra-cotta (in several colours) .. 13/5	Per Foot Run.	Each.
		s. d.	s. d.
Copings.	Coping, saddle-back, 10 in. × 10 in. . .	9 2	—
	Mitres to ditto, <i>extra</i>	—	4 2
Cornice.	Moulded string, 12 in. × 6 in. .. .	7 6	—
	Cornice moulded, 24 in. × 12 in. ..	19 11	—
	Mitres to ditto, <i>extra</i>	—	7 2
	Open ornamental parapet, 22 in. × 22 in. and 4½ in. thick	15 9	—
Gargoyles.	Gargoyles, 3 ft. × 1 ft. × 1 ft. . . .	—	140 0
Finials.	Balls for finials, 2 ft. 9 in. × 1 ft. 6 in.	—	75 0

Ceramic.

Ceramic.	Ceramic ware, plain or moulded, including hoisting and setting <i>per foot cube</i> }	16/3 to 17/9
	Hathernware, plain or moulded, including hoisting and fixing <i>per foot cube</i> }	16/-
Carrara.	Carrara, plain or moulded, including hoisting and setting <i>per foot cube</i> }	18/3 to 19/11
	"Marino" plain ashlar and simple mouldings, including filling, fixing, etc. <i>per foot cube</i> }	16/3

FAIENCE.**Faience.**

For Interior and Exterior Decoration; can be worked out in any Design and variety of Colour.

22/- *per foot cube*, and upwards.

3 in. tiles to designs for dados, fireplaces, string-courses, etc. .. <i>per yard super.</i> }	22/6 to 29/3
4½ in. ditto, ditto	2/-
6 in. ditto, ditto	1/-
9 × 3 × 3 in. bricks for string-courses, panels, fireplaces, etc. <i>each</i> }	
3 × 3 × 3 in. ditto, ditto	

The above prices are subject to modification according to the quantity required.

*Cubes
Supers.*

Measured Prices.

MARBLE MASON.

MARBLE IN BLOCK.

	Per Foot Cube.		Per Foot Cube.	Marble in Block.
	s. d.		s. d.	
Bardillo	} Prices on applica- tion owing to fluctu- ations of Exchange	Rouge Royal ..	} Prices on applica- tion owing to fluctu- ations of Exchange	
Black, 1st quality		Sicilian		
Breccia		Sienna		
Broccatella ..		Statuary, 1st ..		
*Cipollino (Greek)		" 2nd ..		
Dove		Skyros		
Emperor's Red ..	} Quarries closed.	Swedish Green ..		
Pavanazzo		Tinos		
		*Verde Antico ..		
Pentelikon		Verona		

* Cost varies very considerably according to size.

IRISH MARBLES IN BLOCK.

	Per Foot Cube.
	s. d.
Black	} Prices on application owing to fluctuations of Exchange
Cork Red	
Fossil	
Green	
Midleton	

MARBLE SLABS AND LININGS, POLISHED AND SET.

	Per Foot Super.	Slabs and linings.
	s. d.	
Bardillo.. .. thickness $\frac{3}{4}$ inch	} Prices on application owing to fluctuations of Exchange	
Black, 1st quality		
Statuary, 1st		
Sienna		
St. Ann's or Dove		
Veined	} Quarries closed.	
Pentelikon		

MARBLE MASON. Measured Prices.

MARBLE MOSAIC WALL LININGS.

Marble,
mosaic.

		Per Yard Super.
		s. d.
Roman cube	from	45 0
Patent, jointless, for hospitals, schools, etc.		29 6
Extra for internal and external angles, } per foot run }		1 10
Vitreous mosaic floor tiling, } per yard sq. }		31 0
Vitreous mosaic wall lining—		
2 in. strips of irregular lengths ..		38 0
1½ in. „ „ „ ..		40 0
Extra to measurement for angles or cove	per foot run }	1 9
Extra for work on rake ..	per foot run	1 3
Angle beads		1 9

MARBLE PAVINGS. Laid in London.

Marble
pavings.

		Per Yard Super.
		s. d.
Sicilian and Black Dots		40 0
„ „ Rouge Dots		43 0
„ „ Black Squares		34 0
„ „ Rouge „		40 0
„ „ Swedish Green Squares ..		54 0
For squares below 6 in. and above 15 in. the cost is increased.		
Step.	Solid Sicilian spandril steps, 12 × 6 in., gritted on face, per foot lineal, 22s. 9d.	

Owing to the fluctuations of the Exchange these prices should be confirmed.

For Mosaic Paving, see BRICKLAYER.

Measured Prices.

MARBLE MASON.

LABOUR ON MARBLE.

Labour on
marble.

	Per Foot Superficial.								
	Vein or Statuary.		Dove.		Other Marbles.		Black or Kilkenny.		Pentelikon.
	s.	d.	s.	d.	s.	d.	s.	d.	
Sawing plain work, } polished }	7	6	8	6	9	9	10	3	Quarries closed.
Ditto sunk ditto, ditto ..	10	3	18	6	21	6	23	3	
Ditto moulded ditto, ditto	21	6	23	9	27	0	23	0	
Ditto circular plain work	13	0	15	0	18	6	19	6	
Ditto ditto sunk ditto ..	27	0	30	0	34	0	34	0	
Ditto ditto moulded ditto	34	0	38	0	41	0	43	0	

Plain work only, not polished, one-third less.

	Per Foot Run.			
	Vein, Dove, or Statuary.		Other marbles.	
	s.	d.	s.	d.
Single beads or hollows ..	2	4	3	0
Double reeded edges	3	9	4	8
Treble "	4	10	5	9
Half-inch flutes	2	4	3	3
Three-quarter inch flutes ..	3	0	4	0
Inch flutes	3	7	4	6
Ovolo to edge of shelf	3	3	4	1
Back joint	0	8½	1	3
Rebated joint	0	10½	1	5
Sunk rebate	1	9	2	6
Plain work and polishing to edges	1	0	1	7½
1 in. polished edge	1	3	2	0
1½ "	1	6	2	4
2 "	1	10½	2	8
Each.				
Plain rounded corners	2	4	3	0
Reeded "	3	3	4	1
Moulded "	4	4	5	9
Notches	1	10	2	6
Copper cramps and fixing ..	1	7	2	0
Sunk letters per inch in height	0	3½	0	6½

Owing to fluctuations of Exchange these prices should be confirmed.

No. 7.--PAVIOR AND ROAD MAKER.

Asphalte
paving.*Asphalte Paving, etc.* See ASPHALTER.

CONCRETE FLOOR BINDER.

Concrete
floors.

Liquid solution brushed or sprinkled on dusty concrete floors in two applications <i>per yard super</i>	s. d. 1 6
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ARTIFICIAL STONE PAVING.

Artificial
stone.

1½ in. paving <i>per yd. sup.</i>	s. d. 7 0
2 in. ditto " "	8 0
2½ in. thick, grooved for stables " "	8 6
3 in. " " " " " "	9 6
Labour for laying and jointing " "	1 6

COLOURED COMPOSITION PAVING.

Composi-
tion
paving.

Laid on existing paving or concrete in green or red for paths, tennis courts, etc.—	s. d.
¾ in. green <i>per sq. yard</i>	7 6
¾ in. red " "	5 9
1 in. green " "	10 6
1 in. red " "	7 6

CRAZY PAVING.

Crazy
paving.

Crazy paving in various colours for garden paths, etc. Average thickness 1 in. to 2 in., laid complete <i>per yd.</i>	s. d. 7 6
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GRANOLITHIC PAVING.

Grano-
lithic.

Granolithic paving laid complete in London on prepared bed (measured elsewhere) including builder's profit:—	s. d.
1 in. thick <i>per yard super.</i>	3 4
1½ " " " " " " " "	4 6
2 " " " " " " " "	6 6
Add for grooving for stables " "	1 6
Add if carborundum finish " "	1 9

COLOURED CONCRETE PAVING

Coloured
concrete
paving.

½ in. thick laid <i>in situ</i> on concrete bed, for paths, floors, etc., in brick red, yellow and black <i>per yard super.</i>	s. d. 4 0
Ditto, brown and buff " "	4 6
Ditto, tile red and white " "	6 0
Ditto, grass green and blue " "	9 0

PAVIOR.

GRANITE SETT PAVING.

Laid and jointed in screened gravel, <i>per yard super.</i>	Thickness.			Laying and gravel only.
	5 in.	6 in.	7 in.	
Aberdeen granite paving in parallel courses, 5 in. wide	s. d. 18 10	s. d. 22 3	s. d. 26 6	s. d. 2 10
Ditto, in courses 3 in. wide	28 0	33 0	37 9	5 9
Cornish or Guernsey granite ditto, 5-in. ditto	18 0	—	24 2	2 10
Ditto, ditto, 3-in. ditto ..	27 2	31 0	36 0	5 9
Add if in gutters or channels only, or in widths under 2 ft. ..	1 10	—	1 10	—
Taking up old paving and re-laying, including gravel and making ground	3 6	3 7½	4 2	—
Taking up only	0 11½	0 11½	0 11½	—
Cutting on splay or circular .. <i>per foot run</i>	0 9½	0 11½	1 0½	—

Granite paving.

Aberdeen.

Cornish.
Guernsey.

Laid and jointed in screened gravel.	Per yard super.
Mount Sorrel granite setts in 4 × 4 × 4 in. cubes laid as above	s. d. 21 4
Ditto, ditto, 3 × 3 × 3 in. ditto	21 0
Leicester granite, 4 × 4 × 4 in. ditto	21 0
Ditto, 3 × 3 × 3 in. ditto	20 0
Grouting granite paving in lime mortar ..	1 1½
Ditto, ditto, in cement and sand	1 8
Add to last if grouted in pitch	1 5½
Concrete foundation, 6 in. thick (lime)..	4 0
Ditto, ditto (cement).. .. .	5 0

Mount
Sorrel.

Leicester.

Grouting.

Concrete
foundation.

	s. d.
2 in. path of gravel laid on prepared bed, measured elsewhere, watered and rolled to camber and falls <i>per yard super</i>	2 3
2½ in. ditto „ „	2 9
3 in. ditto „ „	3 3
Grouting and sealing over surface of gravel with one or two applications of Colas bitumen 1 gal. per yd. super and filling interstices by spreading grit shingle and well consolidating and rolling after each application <i>per yard super</i>	3 3

Gravel
paving.

Treatment.

PAVIOR.

Tar
paving.

Minimum 300 yards.		
1 in. consolidated thickness, fine limestone tar macadam laid on prepared bed, including rolling	<i>per yard super</i>	s. d. 2 6
2½ in. tar paving in two layers mixed with Kentish Rag stone laid to falls on prepared bed, measured elsewhere. Bottom layer 1½ in. thick; top layer finished with white spar and sand, rolled and consolidated	<i>per yard super</i>	5 9
Ditto, ditto, bottom layer 2 in. thick		6 9
4 in. ditto, ditto	<i>per yard super</i>	8 4

Granite
kerb, etc.

Channel.

	Per foot run.
12 × 6 granite kerb, laid and jointed in cement	s. d. 5 6
12 × 8 ditto, ditto	6 9
7 × 5 ditto channel, ditto	3 6

Jointless
flooring.

Jointless flooring laid on concrete bed ¼-in. thick. Red, buff or brown,	s. d. <i>per yard super, from</i>
Ditto, grey	5 6
Ditto, green	6 9
Ditto, ditto, ¼-in. ditto add to above	7 9
<i>per yard super</i>	1 9

RUBBER FLOOR PAVING.

Rubber
floor
paving.

	Colours	White or Cream.
Rubber floor tiles, including laying and fixing :—		s. d.
3 in. × 3 in. <i>per sq. yd.</i>	—	27 6
6 in. × 2 in. " "	—	27 6
6 in. × 6 in. " "	—	25 0
9 in. × 9 in. " "	—	24 0
Fixing compound (supplied only) ..	2 6	2 6

WOOD BLOCK PAVING.

Wood
block
paving.

Wood paving as laid in London, specially selected and prepared creosoted deal blocks, 4 in. deep, creosoted under pressure to contain 8 lbs. of oil to the cub. ft., laid end grain up complete (but not including concrete foundation)	s. d. <i>per yard super</i>
Ditto, ditto, blocks 3 in. deep,	11 5
<i>per yard super</i>	9 2
Excavation, concrete and floating,	
<i>per yard super</i>	9 5

Measured Prices.

No. 8.—SLATER & TILER.

BEST BANGOR OR PORTMADOC SLATING.

Laid complete on sloping roofs and fixed with 2 zinc nails to each slate.

	s.	d.
24 × 12 in. <i>at per square</i>	75	0
20 × 10 in. „	75	0
18 × 10 in. „	68	6
18 × 9 in. „	67	6
16 × 10 in. „	65	0
16 × 8 in. „	65	0
14 × 7 in. „	60	0
12 × 6 in. „	57	6

For slating to vertical faces add 2 6

Circular work—approximately 33 $\frac{1}{3}$ % extra to above

Open slating—2 in. space—approximately 10% less than above.

Double course at eaves measured as an extra 12 inches.

Straight cuts to top edges, abutments and verges measured as 6 inches. Splay cuts measured as 9 inches.

Extra to above prices for copper nails instead of zinc on sizes down to 16 × 10 in. *per square* 2 6

Ditto on sizes 16 × 8 and 14 × 7 in. „ 3 6

Ditto on sizes 12 × 6 in. „ 5 0

Slater.

Cornish Green slating laid as above.

<i>Mediums or Seconds.</i>	s.	d.
20 × 10 in. <i>per square</i>	90	0
16 × 10 in. „	82	6
14 × 7 in. „	72	6
Random Grey Green in lengths from 24 in. to 10 in. of varying widths . . . <i>per square</i>	90	0
Peggies „	80	0
Green and Rustic Randoms . . . „	105	0

Westmorland Green Slates of Random sizes laid in graduated courses with 3 in. lap and copper nails.

	s.	d.
Best quality 25 in. to 12 in. lengths <i>per square</i>	110	0
Second „ 25 in. to 12 in. „ „	107	6
Peggies „	100	0
Stone slates from Gloucestershire Quarries „	160	0

Double course at eaves on all Random slating is measured as 18 ins. Straight cuts as 9 ins. Splay cuts as 15 ins.

Stripping off old slates and carrying down.	s.	d.
20 × 10 in. and larger <i>at per square</i>	6	0
Smaller sizes „	7	6
Randoms „	7	6

Slater
Stripping.

Trimming, reholing and relaying old slates including zinc nails.

	s.	d.
20 × 10 in. and larger <i>at per square</i>	15	0
Smaller sizes „	20	0
Randoms „	30	0

SLATER & TILER. Measured Prices.

Slate ridges and hips.	2 in. Slate ridge roll with two 6 in. wings, fixed with brass screws .. <i>per foot run</i>	s. d.
	2½ in. ditto ditto "	2 9
	Splayed and mitred ends "	3 6
	Blue Staffordshire angle ridge with 6 in. wings "	1 0
	Ditto with rebated joints "	1 8
	Blue roll Staffordshire angle tiles with 6 in. wings "	2 0
	Half-round blue ridge "	2 0
	Cut ends "	1 9
	Splay cuts "	0 9
	3-way mitred intersections "	1 0
	Taking off old-ridge, cleaning and refixing .. <i>per foot run</i>	2 6
	Fillet with hair mortar or cement "	1 3
		0 3

Removing old.**MISCELLANEOUS.**

Dowels.	Dowels, slate, ¾ in. square, 2 in. long, and run with cement <i>each</i>	s. d.
		0 6
Plugs.	Plugs, lead, let in and run "	0 8
	Mortices or rail holes <i>per inch</i>	0 8
Skirting.	Skirting, slate, planed one side, chamfered or fixed with screws, ¾ × 6 in. .. <i>per foot run</i>	1 8
	Ditto ditto ¾ × 9 in. "	2 4
Fillet.	Slate fillet, ¾ × 4 in., chamfered both edges, bedded in oil cement, and drilled for and fixed with copper screws, including screws .. <i>per foot run</i>	1 4
	Ditto, ½ × 4 in., ditto "	1 0
	Mitres <i>each</i>	1 0

Plain Tiling.**Extras.**

Broseley or Staffordshire machine-made with nail holes and nibs, laid on (but not including) battens or feather edge boards, and nailed every fourth course to 4 in. gauge .. <i>per square</i>	s. d.
	50 0
Machine-made sand-faced ditto "	55 0
Hand-made sand-faced tiles "	60 0
Nailing with two nails to each tile "	7 6
Vertical tiling to battens "	2 6
Vertical tiling nailed to brickwork 4½ in. gauge <i>per square</i>	15 0
Double course at eaves measured as 8 ins. Cuttings at top edges, square abutments and at verges measured as 6 ins.	
Raking cuts at each side of hips and valleys and elsewhere measured as 9 ins.	
For every ¼ in. decrease in gauge <i>add per square</i>	4 0
Close-fitting hip and valley tiles, 4 in. gauge .. <i>per foot run</i>	2 6
Angle tiles for vertical tiling, 4 in. gauge .. <i>per foot run</i>	2 9
Tilted or Granny Bonnet hips, 4 in. gauge .. <i>per foot run</i>	3 0
For every ½ in. decrease in gauge <i>add per foot run</i>	0 3
For torching plain tiles in hair mortar .. <i>per square</i>	10 0

Measured Prices.

SLATER & TILER.

All material
and Labour.

PLAIN TILING—continued.

Red Double Roman tiles (Somerset) laid on } battens with 3 in. lap per square }	s. d. 50 0
Dun colour, ditto "	60 0
Glazed, ditto "	90 0
Red Pantiles (Yorkshire make) "	35 0
" " Norfolk make "	40 0
" " Somerset make "	40 0
" " Berkshire sand-faced "	55 0
Glazed " Somerset make "	95 0
" " Langley's Apple Green "	105 0
Allowances for "labours" on above vary in proportion to value of the tiles, but are approximately :	
Square abuts and top UNGLAZED GLAZED	
edge and verges 6d. foot run 9d. foot run	
Raking cuts 9d. " 1/- "	
TILING.—RIDGE AND HIP COVERINGS, ETC.	
Plain angle red ridge tiles bedded and } pointed in cement per foot run }	s. d. 1 8
Ditto, with rebated joint "	2 0
Half round, ditto, butt joints "	1 8
Ditto, with rebated joint "	2 0
Roll top, angle red ridge tiles, butt joint } per foot run }	2 0
Red angle ridge with fixed crested top, } 3½ in. deep per foot run }	2 0
Red roll angle ridge with groove for loose } ornaments, 6 in. high per foot run }	3 0
Undercloak of one plain tile to verge and } bedding and pointing per foot run }	1 0
Ditto, with two tiles "	1 6
Galvanized hip hooks each	2 9
Stripping off old tiles, cleaning and stacking } for re-use per square }	15 0
Re-laying old tiles and nailing with two } nails to each tile per square }	25 0

Tiler.

Plain

ASBESTOS SHEET TILES.

	Russett.	Blue Grey.
	s. d.	s. d.
Asbestos Sheet Tiles, fixed complete, with copper nails and copper disc rivets	70 0	60 0
Squares, 15¼ × 15¼ in., 3½ in. lap ..	50 0	45 0
Corrugated asbestos cement big } 6 in. fixed with galvanised screws } and washers to wood. }	—	Grey
Straight cuttings = 12 in. ..	—	53 0
Raking cuttings = 18 in. ..	—	—
Extra for cuttings to verges, valleys } and hips, measured as 6 in. .. }	—	—
Ditto, saddle-back ridges per foot run	2 6	2 3
Ditto, double eaves course, } measured as 12 in. }	—	—

Asbestos
Tiles.

SLATER & SLATE MASON.

Measured Prices.

ENAMELLED SLATE URINALS.

White, cream, and plain tints.

	<i>s. d.</i>	Urinals.
$\frac{1}{2}$ in. enamelled, one face.. <i>per foot super.</i>	4 8	
1 in. " " " "	5 4	
1 in. " two faces.. "	7 4	

	<i>s. d.</i>	Urinal channels.
4 X 9 in. slate channel for urinals, with half- round 3 in. channel dished to current, and set in cement.. . . . <i>per foot run</i> }	9 0	
6 X 3 in. ditto, 2 in. channel ditto "	4 6	
Channels sunk to current, <i>labour only</i> }	0 4	
<i>per inch girt</i> }		
Stop ends to channels <i>each</i>	1 0	
Cutting and rebating holes for and fixing gratings <i>each</i> }	3 6	

Cubes.
Supers.

No. 9.—CARPENTER. Measured Prices.

FIR.

**Fir timber,
cut to
length and
fixed.**

	<i>s. d.</i>
Cut to length, fair average size, and fixed	4 0
In plates, lintels, bond, etc. ..	5 0
Rough framed in floors, roofs, partitions, ceiling joists, etc. <i>per cube foot</i> }	5 6
Rough framed in roof trusses <i>per cube foot</i>	8 6
Wrought ditto "	10 0
Wrought and framed in floors, roofs, parti- tions, etc. <i>per cube foot</i> }	7 0
Planing on sawn fir, machine, <i>per foot super.</i>	0 1
Ditto, ditto, hand " "	0 4

ENGLISH OAK.

**Oak timber,
as last.**

	<i>Per foot cube.</i>
	<i>s. d.</i>
Sawn to scantlings	11 0
In plates, sleepers, bond, etc.	12 0
Rough framed	14 6
Wrought and framed.. .. .	18 0
In "proper" frames	24 0

**Elm and
Beech, as
last.**

	<i>Per foot cube.</i>	
	<i>Elm.</i>	<i>Beech.</i>
	<i>s. d.</i>	<i>s. d.</i>
Not exceeding 36 in. in sectional area }	7 0	8 0
Exceeding 36 in., but not more than 81 in. in ditto }	7 6	8 6
Exceeding 81 in. in ditto.. .. .	8 0	9 0

BATTENING. All Materials—per square.

**Battening
and tilting
fillets.**

	<i>s. d.</i>
2 in. × 1 in. for Countess slating	11 6
Ditto, counter battening	7 6
1½ in. × ¾ in. for tiling, 4 in. gauge	15 0
Tilting fillets <i>per foot run</i>	0 3

*Cubes.
Supers.*

Measured Prices.

CARPENTER.

FELTS (laid complete).

	s.	d.
Asphalted Roofing Felt <i>per sq.</i>	10	0
" Sarking ditto "	9	0
Bituminous Inodorous ditto "	12	0
Self-finished Bitumen Roofing:—		
$\frac{1}{2}$ ply "	10	6
1 ply "	14	0
2 ply "	17	0
3 ply "	21	0
Black Ship Sheathing ditto		
<i>per sheet, 32×20</i> }	0	5
Brown ditto "	0	6

Roofing
felt.

Rolls of bituminous felt 36 in. wide, 72 ft. long,
sufficient for 2 *squares of roof*.

	Per Roll.		Per Roll.
	s. d.		s. d.
$\frac{1}{2}$ ply	15 0	3 ply	30 0
1 "	19 6	—	—
2 "	24 8	—	—

Bitumin-
ous felt.

Including all accessories, nails, cement, etc.,
necessary to completely fix the roofing.

	s.	d.
Per roll, 36 in. wide × 72 ft. long, as above	11	6
Ditto, 24 ft. long × $4\frac{1}{2}$ wide	2	6

Under
slating.

WATERPROOF AND ROT PROOF PAPER.

Supplied only.

For underlining slate and tile roofs, cold storage insulation, damp walls and under- lining valuable paper and hangings, etc., waterproof, rot and vermin <i>proof</i> :—	s. d.
2-ply 60 in. wide <i>per yard run</i>	1 9
2-ply extra stout ditto "	2 8

Water-
proof
paper.

CARPENTER.

Measured Prices.

Boarding
(deal).

DEAL BOARDINGS.

	½ in.		¾ in.		1 in.		1¼ in.		1½ in.		2 in.		3 in.	
	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
<i>Machine prepared boardings from deals or battens with straight joints and tongued headings, and fixing with nails, straight or raking:—</i>														
Rough	20	0	27	0	38	0	45	0	53	0	63	0	99	0
edges shot	21	6	29	0	40	0	47	0	55	0	65	0	101	0
Wrot. one side and edges shot	22	6	30	6	41	6	49	6	57	6	66	0	108	0
.. both sides	25	0	33	6	44	0	52	0	60	0	70	0	112	6
Add if rebated or ploughed and tongued	5	0	6	0	8	0	10	0	12	0	16	0	22	0
.. if with hoop iron tongued	—		—		—		11	0	13	0	18	0	18	0
.. if beaded or V-jointed for each side	2	0	2	0	2	0	2	0	2	6	2	6	3	0
.. if to ceilings and fixed from below	2	0	2	0	2	0	—		—		—		—	
.. if in 4 in. widths	2	0	2	0	2	0	—		—		—		—	
.. if fired up for flats, etc., including firrings	12	6	12	6	15	0	—		—		—		—	

If for curved surfaces add 50%.

Measured Prices.

CARPENTER.

WAINSCOT AND HONDURAS MAHOGANY.

Inches	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Rough (including waste) } per foot super. }	1/8	2/1	2/5	2/11 $\frac{1}{2}$	3/11
Rough (including labour } and nails) add }	-/2	-/2	-/2 $\frac{1}{2}$	-/3	-/5.
Wrought, one side	-/3	-/3	-/4 $\frac{1}{2}$	-/5	-/5 $\frac{1}{2}$
both sides	-/6	-/6	-/9	-/10	-/11
Ploughed and tongued	-/2 $\frac{1}{4}$	-/2 $\frac{3}{4}$	-/3 $\frac{1}{4}$	-/3 $\frac{3}{4}$	-/4 $\frac{1}{2}$
Framed	-/6 $\frac{1}{4}$	-/6 $\frac{3}{4}$	-/7 $\frac{1}{4}$	-/9	-/11 $\frac{1}{4}$

Wainscot
mahogany.

SOUND BOARDING AND PUGGING.

$\frac{3}{4}$ in. Deal sound boarding, with 1 \times $\frac{3}{4}$ in. double fillets pugged with chopped hair and lime mortar <i>measured</i> over all, per square	s. d.
	42 0
$\frac{3}{4}$ in. deal weather boarding (average thick- ness) with lap fixed complete	15 0
Herringbone strutting, 1 $\frac{1}{4}$ \times 2 in. <i>measured</i> across joists per foot run for each 1 in. in height	0 0 $\frac{1}{2}$
Extra for slag bestos, per 1 in. in thickness per foot super.	0 3 $\frac{1}{2}$

Sound
boarding.
Weather
boarding.
Herring-
bone
strutting.CENTERING. *Use and waste only.*

Flat centering for concrete floors, flat roofs, etc., and horsing up and striking and re- moving at completion per square	s. d.
	42 0
Add if to sloping soffits	3 0
Add if to concrete arches	50 0
Centering skewed or circular on plan and ditto per square	150 0
Vertical centering for upright or battering or stepped concrete walls, or partitions includ- ing timber supports and ditto per square	50 0
Centering to trimmer arches and ditto per foot super.	1 0
Ditto, and strutting up for arches rough or gauged per foot super.	1 6
Ditto to vaults on 3 in. ribs with $\frac{3}{4}$ in. rough boarding and ditto, to any curve per foot super.	2 0
Ditto, for niches or domes with ribs and backing and ditto per foot super.	2 6
Turning pieces to 4 $\frac{1}{4}$ in. soffit per foot run	0 4
Feather-edged springer for trimmer arches per foot run	0 3
Cutting and waste on centering	0 4

Centering.

Turning
pieces,
etc.

CARPENTER.

Measured Prices.

BRACKETING.

Including rough framed ribs, braces, hanging-pieces, and supports, etc., and plugging.

Bracket-
ing for
Cornices,
etc.

	s.	d.
To coves and cornices .. <i>per foot super.</i>	1	4
" " circular, <i>add</i> ..	0	8
" " waggon head ceilings ..	1	9
Extra only for mitres <i>per foot run</i>	1	0

GUTTERS, BOARDS, AND BEARERS, ETC.

Material and Labour.

Gutter
boards and
bearers.

	¾ in.	1 in.	1½ in.
	s. d.	s. d.	s. d.
Deal gutter boards and bearers } <i>per foot super.</i> }	0 9	1 0	1 2
Feather-edged lear-boards ..	0 6	0 9	0 10
Extra for rebated drips 2 ft. long } <i>each</i> }	—	—	0 8
Extra for short rolls <i>each</i>	—	—	0 8
Deal dovetailed cesspools ..	7 6	—	10 0

SUNDRIES.

Materials and Labour.

Rolls.
Fixing
fillets.
Felt, etc.

<i>Deal.</i>	s.	d.
2-in. deal, wrought and rounded roll <i>per foot run</i>	0	4
Hip and ridge roll	0	4
Rough chamfer on fir	0	1
Fixing fillets <i>per doz.</i>	1	0
Hoist and fix roof trusses, 14 ft. above ground, } 20 ft. span <i>each</i> }	20	0
Sets, gibs, and keys, and fixing	10	0

PILING AND COFFERDAMS.

Piling and
Coffer
Dams.

	s.	d.
Piles of best middling fir, cut to length, } exclusive of heading and pointing, but in- } cluding driving and use of pile engine, } staging, etc. <i>per foot cube</i> }	9	0
Ditto, ditto, short piles, not more than 10 ft. } long or under 9 in. square .. <i>per foot cube</i> }	10	0
<i>Add if tide work</i>	1	0
Heading and pointing piles when rings and } shoes are not necessary, and cutting off } heads after driving <i>each</i> }	4	0
Ditto, ditto, including rings and shoes when } required	10	0
2-in. elm planking, rough edges shot, and } fixing with 6 in. wrot.-iron spikes, 2 spikes } to each stud <i>per foot super.</i> }	1	8
3-in. ditto, ditto, 7 in. spikes	2	8

Puddle filling to coffer dams, see EXCAVATOR.

Measured Prices.

CARPENTER.

SHORING, STRUTTING, HOARDINGS, ETC.

Fir, <i>use and waste</i> of new material, dog irons, nails, spikes, etc., including fixing and striking, and removing at completion, <i>per foot cube</i>	s. d. 6 0
1-in rough boarding " " <i>per square</i>	20 0
¾-in. " weatherboarding " "	16 0
<i>Creosoting</i> :— Creosoting new fir timber in vacuum, 10 lbs. to the cubic foot injected .. <i>per foot cube</i>	1 4

Shoring,
Strutting,
etc.,
temporary
boards, etc.

Creosoting.

HOARDINGS, fixed complete.

Use and waste.

Hoarding, 7 ft. high, of 1 in rough boarding, 5 × 5 fir posts, 6 ft. centres, and 3 arris rails out of 4½ × 3 fir <i>per foot run</i>	s. d. 6 8
<i>Extra</i> to forming and hanging gates 7 ft. wide, with bolts and fastenings <i>per pair</i>	21 0
Ditto, small wicket gate, 3 ft. wide.. ..	9 0

Hoardings.

CLOSE BOARDED SAWN FENCING.

Height.	Sawn Pales.	Posts.	Distance apart of Posts.	Arris Rail.	Oak. Per yard.	Deal with Oak Posts. Per yard.
ft. in.					s. d.	s. d.
3 6	2 <i>ex.</i> 4 × 1 in.	3 × 5 in. 6 ft. long	9 ft.	2 <i>ex.</i> 3½ × 3½ in.	7 6	6 0
4 0	"	3 × 5 in. 6 ft. 6 in. lg.	"	"	8 3	6 3
4 6	"	3 × 5 in. 7 ft. long	"	"	8 10	6 8
4 6	"	3 × 5 in. 7 ft. long	"	3 <i>ex.</i>	9 11½	7 7
5 0	"	3 × 5 in. 7 ft. 6 in. lg.	"	2 "	9 6	7 1
5 0	"	"	"	3 "	10 7½	8 0

GATES FOR ABOVE complete with 18 in. reversible
hinges. Ring handled latch, oak posts 5 in. × 5 in.
2 ft. 6 in. in ground and 6 in. above top of Gate.

Height.	Single, 3 ft.		Double, 7 ft.	
	Oak.	Deal.	Oak.	Deal.
	s. d.	s. d.	s. d.	s. d.
3 ft. 6 in.	} 37 6	34 0	93 0	80 0
4 ft. 0 in.			95 6	83 0
4 ft. 6 in.			98 6	85 6

CARPENTER.

Measured Prices.

CLOSE PALED OAK FENCING, fixed complete.

Fencing.
Oak pale.

Height of Fencing.	Cleft Pales.	Overlap of Pales.	Posts.	Distance apart of Posts.	Arris Rails.	Price per foot run.	Add if pales overlap 1 in.
	thick			ft.		s. d.	
4 ft.	$\frac{3}{4}$ in.	$\frac{3}{4}$ in.	$\left\{ \begin{array}{l} 6 \times 4 \text{ in.} \\ 7 \text{ ft. high} \end{array} \right\}$	9	$\left\{ \begin{array}{l} 2 \text{ out of} \\ 3 \times 3 \text{ in.} \end{array} \right\}$	5 1	-/6
5 ft.	"	"	$\left\{ \begin{array}{l} 6 \times 4 \text{ in.} \\ 8 \text{ ft. high} \end{array} \right\}$	9	"	5 7	-/6 $\frac{1}{2}$
6 ft.	"	"	$\left\{ \begin{array}{l} 6 \times 5 \text{ in.} \\ 9 \text{ ft. high} \end{array} \right\}$	9	$\left\{ \begin{array}{l} 3 \text{ out of} \\ 4 \times 4 \text{ in.} \end{array} \right\}$	7 7	-/8
7 ft.	"	"	$\left\{ \begin{array}{l} 6 \times 6 \text{ in.} \\ 10 \text{ ft. high} \end{array} \right\}$	9	"	9 7	-/

9 \times 1 $\frac{1}{4}$ in. oak gravel plank dovetailed to posts,
per foot run, 1/6.

Post
and rail
fencing.

6 \times 6 in. oak posts, 6 ft. 6 in. long, with 2 sawn oak rails, 8 ft. long, out of 4 \times 5 in. with central stiffener mid-way between each post, spiked to rails, fixed complete, including digging post holes and ram- ming per foot run	s.	d.
Ditto, ditto, with 3 rails and ditto per foot run	3	1
Ditto, ditto, with 4 rails and ditto per foot run	3	10
Ditto, ditto, with 4 rails and ditto per foot run	4	11

Cleft
chestnut
paling.

Cleft chestnut paling, 3 ft. high, all pales full height.
2 lines of wire, including posts 9 ft. apart and one square
straining post and strut per 100 yds. in length of fence.
Cost : per yard.

—	Height.					
	3 ft.		3 ft. 6 in.		4 ft.	
	s.	d.	s.	d.	s.	d.
Pales 2 ins. apart	2	1	2	6	2	8 $\frac{1}{2}$
" 3 " "	1	11	2	1	2	4
" 5 " "	1	8	1	9 $\frac{1}{2}$	2	0 $\frac{1}{2}$
Ditto, alternate long and short pales	Add		25%			

GATES AND POSTS. Fixed complete. Each.

Gates.

—	Height.					
	3 ft.		4 ft.		5 ft.	
	s.	d.	s.	d.	s.	d.
Wicket, 3 ft. 6 in. wide (close pale chestnut)	35	0	42	0	50	0
Field, 9 ft. wide	41	6	44	0	54	0

Measured Prices.

CARPENTER.

THATCHING.

	s.	d.	Thatching.
16 in. thick, with wheat or rye straw, including spars and twine and all labours (see Memorandum Section) .. <i>per square</i>	70	0	
Ditto, ditto, with reeds	120	0	
<i>Extra</i> to forming valleys, hips and ridges <i>per foot run</i>	9	0	
Redressing old thatching, including spars and twine <i>per foot run</i>	10	0	
Trimming eaves <i>per foot run</i> ..	5	0	

OAK SHINGLING.

	s.	d.	Oak shingles.
Prime cost of 12 × 3½ in. cleft oak shingles, per 100	17	6	
Laid to a 6 in. gauge about 700 required per square			
Price fixed with galvanised iron nails complete, including profit <i>per square</i>	185	6	
Labour to mitred angles, including cutting and waste <i>per foot run</i>	1	6	

FLAGSTAFFS.

	s.	d.	Flagstaffs
Flagstaffs of Norwegian spar, wrought all round and tapered, provided with elm turned cap, 5 in. thick, with 2 lignum vitæ sheaves, brass bushed, and turned steel pins, cleats fixed with copper screws, and coated, 2 coats with linseed-oil, including fixing:—			
Not exceeding 25 ft. long (diam. at head, 4 in.; diam. at base, 8 in.) <i>per foot run</i>	6	10	
Not exceeding 35 ft. long (diam. at head, 5 in.; diam. at base, 10 in.) <i>per foot run</i>	7	9	
Not exceeding 45 ft. long (diam. at head, 6½ in.; diam. at base, 13 in.) <i>per foot run</i>	8	3	
Jack yards, ditto, ditto ..	1	0	
Elm turned cap or truck only, fitted with brass sheaves, and fixing <i>each</i>	19	0	

CARPENTER.

Measured Prices.

*Labour and nails only in fixing :—*Labour,
Fixing,
Fir.

	s.	d.
Rough fir in plates, lintels, bond timber, shoring struttings, etc. <i>per foot cube</i>	1	0
Ditto, in beams, bearers, joists, posts, purlins, rafters, struts, etc., including notchings and splayed ends <i>.. per foot cube</i>	1	6
Ditto, ditto, if mortised and tenoned <i>.. .. .</i>	2	0
Ditto, framed in floors, roofs and partitions <i>.. .. .</i>	2	0
Ditto, framed in roof trusses <i>..</i>	4	0
Fir wrought and framed in ditto, ditto <i>.. .. .</i>	6	0
Machine Planing on sawn fir <i>per foot super</i>	0	1
Hand, ditto <i>.. .. .</i>	0	4
Oak in plates, sleepers, bond timber, etc. <i>.. .. per foot cube</i>	1	0
Ditto, rough framed <i>.. .. .</i>	2	6
Ditto, wrought and framed <i>.. ..</i>	7	0
Machine Planing only on sawn oak, <i>per foot super</i>	0	1½
Hand, ditto <i>.. .. .</i>	0	6
Battens (slating) <i>.. per square</i>	3	0
Boarding, deal, rough, for roofs, flats, etc., 1 in. <i>.. .. .</i>	7	6
Ditto, ditto, 1½ in. <i>.. .. .</i>	8	0
Ditto, ditto, 1½ in. <i>.. .. .</i>	10	0
Ditto, ditto, 2 in. <i>.. .. .</i>	12	0
Centering flat and strutting up and striking <i>.. .. .</i>	16	0
Felt, asphalted roofing <i>.. .. .</i>	1	6
Sound boarding and fillets <i>.. ..</i>	16	0
Weather boarding <i>.. .. .</i>	5	0
Deal, rough as in gutter board bearers, bracketing, etc., <i>per foot super :—</i>		

1 in.	1½ in.	1½ in.	2 in.	3 in.
3d.	3d.	3¼d.	4¼d.	6¼d.
Oak, ditto, ditto :—				
4½d.	5d.	6¼d.	7d.	8½d.

No. 10.—JOINER.

Measured Prices.

FLOORS.—All properly cleaned off at completion.

DEAL. Materials and labour.

Per Square.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.
	s. d.	s. d.	s. d.	s. d.
Rough, edges shot ..	30 0	35 0	40 0	45 0
„ ploughed and tongued with hoop iron	40 0	45 0	50 0	55 0

Floors in
deal.

In Batten Widths. (Per Square.)	1 in.	$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.
	s. d.	s. d.	s. d.
Wrought one side and laid folding <i>per square</i>	40 0	45 0	51 0
Ditto, laid straight, joint with splayed headings <i>per square</i>	40 0	45 0	51 0
If ploughed and tongued <i>add</i>	5 0	6 3	7 6
If grooved and tongued with hoop iron <i>add</i>	10 0	10 0	10 0
Extra to cuttings and waste on rake or splay <i>per foot run</i>	0 3	0 3	0 4

Per Square.	1 in.	$1\frac{1}{4}$ in.
	s. d.	s. d.
Floors in widths from $3\frac{3}{4}$ to $4\frac{1}{4}$ in., wrought and laid straight joint with splayed headings	45 0	52 0
<i>Add</i> if rebated and filleted or ploughed and tongued	10 0	10 0

MAPLE, PITCH PINE, TEAK, ETC.

Wrought flooring in widths from 3 $\frac{3}{4}$ to 4 $\frac{1}{4}$ in., grooved and tongued with deal cross-tongues.	or	Rebated and filleted with oak fillets.
	or	Ploughed and tongued in the solid with headings tongued and edge-nailed.

Measured net as laid.	1 in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.
	s. d.	s. d.	s. d.
Maple <i>per square</i>	80 6	103 0	—
Pitch pine „ .. .	79 0	96 0	108 6
Oak „	151 0	181 0	211 0
Wainscot „ .. .	177 0	207 0	240 0
Teak.. „	174 0	205 0	235 0

Floors in
Maple,
Pitch Pine,
Oak,
Wainscot,
Teak.

Floors.

Measured Prices.

JOINER.

LABOURS, ETC., ON FLOORING.

Labours,
on flooring.Wax
polish,
etc.

	Deal.	Maple.	Pitch Pine.	Oak.	Wainscot.	Teak.
Allow for covering floors with sawdust and keep- ing covered and clear- ing off at completion <i>per square</i>	/10½	/10½	/10½	/10½	/10½	/10½
Wax polishing <i>per foot super.</i>	—	-/3	-/3	-/3	-/3	-/3
Labour to groove part across grain for skirt- ing <i>per foot run</i>	-/2	-/2	-/2	-/4	-/4	-/6
Ditto, circular " "	-/6	-/6	-/6	1/-	1/-	1/6
Raking cutting and waste <i>per foot run</i>	-/3	-/4	-/4	-/8	-/8	-/9
Circular ditto " "	-/6	-/8	-/8	1/4	1/4	1/6
Mitred borders to hearths (oak for deal and pitch pine floors) <i>per foot run</i>	-/3	-/3	-/3	-/3	-/3	-/3

LONDON-MADE PARQUET FLOORING.

(Laid complete, including wax-polishing.)

Parquet
flooring.

1 in. thick.	Per foot super.
Solid oak herringbone	s. d. 2 8
" " interlaced	3 4
" " diaper	3 8
" " and walnut interlaced	2 10
" " diaper	3 8
" " " interlaced	4 2
Extra to—	
Borders, oak with walnut line, simple } design 6 in. wide <i>per foot run</i> }	2 0
Ditto, ditto, Greek fret pattern, 12 in. wide } <i>per foot run</i> }	3 0
Ditto, ditto, guilloche, 18 in. wide ..	3 4

PARQUET FLOOR.

Oak—laid complete and polished, in quantities of 500 ft.
and upwards.

	s. d.
¾-in., laid on wood subfloor (provided), <i>from, per foot super.</i> }	1 4
¾-in., ditto, ditto	1 9
1-in., ditto, ditto	2 8

Measured Prices.

JOINER.

FRAN-KEE PARQUET FLOORING.

$\frac{3}{8}$ parquetry secured on 3-ply wood foundation to any design <i>per yard super</i> If laid on concrete or joists, add	s. d.	Wood block floors.
	14 6	
	2 3	

Wood block flooring, dovetailed, grooved, laid herring-bone pattern in adhesive mastic.

Per yard super.	Thickness.			
	1 in.	1 $\frac{1}{2}$ in.	1 $\frac{3}{4}$ in.	2 in.
	s. d.	s. d.	s. d.	s. d.
Yellow deal	9 6	10 6	11 6	14 0
Pitch pine	11 0	12 2	13 0	15 6
Jarrah	13 9	15 0	17 0	19 6
Maple	—	14 0	15 6	—
Oak	13 0	14 0	16 6	—
Teak	15 6	17 0	20 6	—
Bagac	—	—	—	—
Straight cutting to waste, per foot run, —				
Circular cutting .. 1/-				
For quantities not less than 100 yards super.				

PATENT WOOD BLOCK FLOORING.

Laid complete exclusive of concrete.

The following prices are *approximate only*.

Per yard super.	1 in.	1 $\frac{1}{2}$ in.	1 $\frac{3}{4}$ in.	2 in.
	s. d.	s. d.	s. d.	s. d.
*A.—				
Red or yellow deal ..	—	12 6	13 0	15 0
Pitch pine	12 10	13 6	14 6	16 6
Oak	19 6	21 6	23 6	27 6
†B.—				
Red or yellow deal ..	—	12 6	13 0	15 0
Pitch pine	12 10	13 6	14 6	16 6
Oak	19 6	21 6	23 6	27 6
* A. Each block secured from beneath with metal keys dovetailed into the blocks which are grooved.				
† B. The blocks are tongued or dowelled together.				

PATENT CORK FLOOR TILING.

$\frac{3}{8}$ in. thick, laid only to plain pattern in light and dark squares, with 2 in. margin or border. Bath rooms <i>per square yard</i> Large rooms, dining, etc.			s. d.
			19 0
$\frac{5}{8}$ in. thick add			18 0
			2 3

JOINER.

Measured Prices.

SKIRTINGS, INCLUDING GROUNDS AND BACKINGS
PLUGGED TO WALLS.

Skirtings.

Per foot run	5 in.		6 in.		7 in.		8 in.		9 in.	
	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
Deal sqr. $\frac{3}{4}$ in.	0	8	0	9	0	10	0	10 $\frac{1}{2}$	0	11
Ditto 1 "	0	9	0	10	0	11	0	11 $\frac{1}{2}$	1	0
Ditto $1\frac{1}{4}$ "	0	10	0	11	1	0	1	0 $\frac{1}{2}$	1	1
Ditto $1\frac{1}{2}$ "	0	11	1	0	1	1 $\frac{1}{2}$	1	2	1	3
Add extra for torus bead or moulded ..	0	1 $\frac{1}{2}$	0	1 $\frac{1}{2}$	0	1 $\frac{1}{2}$	0	1 $\frac{1}{2}$	0	1 $\frac{1}{2}$
Extra raking to steps ..	0	3	0	3	0	3	0	3	0	3
Extra to scribing ..	0	1	0	1	0	1	0	1	0	1
Mitres	0	3	0	3 $\frac{1}{2}$	0	4	0	4 $\frac{1}{2}$	0	5
Returned mitred ends	0	3	0	3 $\frac{1}{2}$	0	4	0	4 $\frac{1}{2}$	0	5
Housed ends	0	3	0	3	0	3 $\frac{1}{2}$	0	4 $\frac{1}{2}$	0	4 $\frac{1}{2}$
Tongued and mitred angles	0	9	0	9	0	10	0	10	0	10 $\frac{1}{2}$

Add for wainscot Oak or Honduras Mahogany 100 per cent.

Add for Teak or Spanish Mahogany 125 per cent

	s.	d.
Deal moulded $1\frac{1}{4}$ in. per foot super	1	6
Ditto ditto $1\frac{1}{2}$ " " " "	1	9
Ditto ditto 2 " " " "	1	11
Add for double faced or framed "	0	6
Mitres " "	1	0
Returned mitred ends " "	1	0
Housed ends " "	0	6
Tongued and mitred angles " "	1	3

Measured Prices.

JOINER.

SASHES, FRAMES AND CASEMENTS.

Per foot super	Deal.		Jap. and Wainscot, or Honduras Mahogany.		Walnut, Teak.	
	1½ in.	2 in.	1½ in.	2 in.	1½ in.	2 in.
Sashes						
Cased frames, oak sunk and weathered sills, ovolo sashes, brass-cased pulleys, best flax lines and iron weights double hung	3/4	4/-	7/6	9/-	9/-	10/-
Circular head, measured square	5/0	6/0	10/0	12/0	10/6	12/6
Circular on plan add to last item	2/-	3/0	4/-	4/-	4/-	4/-
11 astragal and hollow sashes add	-/2	-/2	-/4	-/4	-/6	-/6
If lamb's tongue or other special moulding add	-/4	-/4	-/6	-/6	-/8	-/8
Small squares or marginal bars .. extra	-/3	-/4	-/6	-/7½	-/7	-/8
Frames, etc., as described above, for Venetian windows	4/6	5/6	9/-	10/6	11/-	12/
Casements, including "proper" frames, oak sunk w. and t. sills, but no butts or centres ..	3/-	3/6	7/6	8/-	8/6	9/-
	2 in.	2½ in.	2 in.	2½ in.	2 in.	2½ in.
Sashes only, ovolo moulded	2/-	2/4	4/6	5/6	5/6	7/-
Circular on plan (flat sweep)	3/0	3/6	6/6	9/-	9/-	10/6
If astragal and hollow add per foot	-/4	-/4	-/6	-/6	-/8	-/8
If lamb's tongue or special moulding ..	-/4	-/4	-/6	-/6	-/8	-/8
Add if glass is secured with loose beads bradded in	-/3	-/3	-/6	-/6	-/7	-/7
Ditto, cups and screws	-/4½	-/4½	-/7½	-/7½	-/8½	-/8½
Bull's-eye windows with 4×4 in. solid frames fitted with cut beads for centre hung sashes, measured square over all .. per foot super.	6/	7/-	13/-	14/-	16/-	17/-
Cant bar per foot run	2/-	2/-	3/-	3/-	3/6	3/6
Moulded horns .. each	-/3½	-/3½	-/4½	-/4½	-/5	-/5

Sashes and frames and casements in deal, wainscot, mahogany, or teak.

For Spanish Mahogany add 30 per cent. to prices Honduras.

For Indian Silver Grey Wood 15% on wainscot.

Cased Frames under 15 ft. measured as 15 ft.

Sashes under 6 ft. measured as 6 ft.

JOINER.

Measured Prices.

FANLIGHTS.

Fanlights
in deal,
wainscot,
mahogany,
or teak.

Per foot super.	1½ in.	2 in.	2½ in.
<i>Deal—</i>			
Moulded and hung to open	2/6	2/10	3/2
Semi-head <i>measured square</i>	3/-	3/6	3/10
<i>Wainscot or Honduras—</i>			
Moulded and hung to open	4/3	5/-	6/-
Semi-head <i>measured square</i>	6/-	7/-	8/3
<i>Teak—</i>			
Moulded and hung to open	4/6	5/6	6/6
Semi-head <i>measured square</i>	6/9	8/-	9/6

SKYLIGHTS AND LANTERNS.

Skylights
and
lanterns in
deal.

Per foot super.	1½ in.	2 in.
Deal ovolo or bevelled bar	1/8	2/-
For every ¼ in. extra thickness .. <i>add</i>	-/6	-/6
If moulded	-/2	-/2
If in spandrills, <i>measured net</i>	-/4	-/6

SASH DOORS.

Sash
doors.

Per foot super.	Deal.		Wainscot or Honduras.		Teak.	
	1½ in.	2 in.	1½ in.	2 in.	1½ in.	2 in.
Ovolo two-panel square	2/6	3/-	5/6	7/-	6/3	7/6
Ditto, and moulded or bead butt one side .. }	3/-	3/4	6/6	8/-	7/3	9/-
Ditto, ditto, both sides .. }	3/2	3/7	7/3	8/10	8/1	10/0
<i>Extra</i> if upper panels in small squares .. }	0/4	0/5	0/9	0/10½	10½	1/0
Ditto, ditto, medium squares }	0/2½	0/4	0/6	0/9	0/7	10½
If diminished styles, <i>add</i>	-/2	-/2	-/2	-/4	-/4	-/6
If lamb's tongue	-/4	-/4	-/6	-/6	-/7	-/8
If hung folding	-/4	-/4	-/6	-/6	-/6	-/6
If with marginal lights <i>add</i> }	-/3	-/4	-/6	-/7½	-/7	-/8

Measured Prices.

JOINER.

DOORS.

Doors

Per foot super.	Deal.					Wainscot and Honduras Mahogany.		Teak.	
	¾ in.	1 in.	1¼ in.	1½ in.	2 in.	1½ in.	2 in.	1½ in.	2 in.
Rough ledged, edges shot	1/4½	1/8	1/9	2/1	—	—	—	—	—
Wrought do.	1/8	1/11	2/3	2/7½	—	—	—	—	—
Matched & beaded ..	2/3	2/3	2/7½	3/-	—	—	—	—	—
Ploughed, tongued, and beaded	—	2/3	2/7½	3/-	—	—	—	—	—
If braced, add 2½" framed, braced, and filled in with 1-in. ploughed & tongued boards ..	/3½	-/3½	-/3½	-/5½	—	—	—	—	—
	—	—	—	—	3/5	—	5/10	—	9/-

	Deal.				Oak.		
	1½ in.	1½ in.	1¾ in.	2 in.	1½ in.	2 in.	2½ in.
1 panel square ..	2/2	2/4	2/6	2/8	4/3	5/-	5/9
1 ditto moulded both sides	2/6	2/8	3/-	3/2	5/9	6/6	7/3

2 or 3-panel square ..	—	2/2	2/3	2/6	2/7½	—	—	—	—
4-panel sq. Do., moulded or bead butt one side ..	—	2/6	2/7½	2/8½	3/2	7/-	8/6	8/-	9/2
6-panel sq. Do., moulded one side ..	—	—	—	3/-	3/5	7/8	9/-	8/4	9/3
Do., bead flush and square ..	—	—	—	3/3	3/8	8/-	9/4	9/2	10/10
Do., moulded both sides	—	—	—	3/5	3/10	8/7	9/10	9/4	11/2
2 in. solid fireproof doors..	—	—	—	3/6	4/1	8/10	10/-	9/10	11/6
	—	—	—	—	—	—	—	2 in. Oak 8/6	2 in. Teak 9/-

For Spanish mahogany add 30 per cent. to the price of Honduras

	Alder or Birch.			
	1 in.	1½ in.	1¾ in.	2 in.
Hospital type flush doors with deal core	2/3	2/6	2/9	3/-

Add for oak or gaboon mahogany finish 33 per cent.

JOINER.

Measured Prices.

DOOR AND WINDOW FRAMES.

Door and
window
frames.

Per foot run.	Deal.	Mahog- any.	Oak.	Teak.
	s. d.	s. d.	s. d.	s. d.
4 in. × 3 in. wrought, re- bated and beaded frame }	1 1	3 4	2 2	4 0
5 in. × 3 in. ditto, ditto..	1 4	4 0	2 8	5 0
5 in. × 4½ in. ditto, ditto..	2 0	6 0	4 0	7 0
6 in. × 4½ in. ditto, ditto..	2 2	6 8	4 4	8 0
If moulded <i>add</i>	0 2	0 6	0 6	0 6

If *circular* to segmental heads, twice the above rate

JAMB LININGS.

Jamb
and back
linings.

In Deal.

Per foot super.	1 in.	1½ in.	1½ in.
<i>Deal—</i>			
Single rebated	1 9	2/1½	2/5
Ditto, and beaded	2/-	2/4	2/6
Double rebated	2/-	2/4	2/6
Ditto, and beaded	2/3	2/9	3/-
Two panel, single rebated ..	—	2/9	3/-
Ditto, and moulded	—	3/-	3/5
If double rebated <i>add</i>	—	-/2	-/2
If plugged to walls ,	—	-/2	-/2
If splayed ,	—	-/2	-/2
Framed grounds or backings	-/6	-/6	-/6

In Wain-
scot and
Mahogany.

<i>Wainscot or Honduras—</i>			
Single rebated	3/6	4/2	4/11
Ditto, and beaded	3/9	4/8	5/4
Double rebated	3/9	4/8	5/4
Ditto, and beaded	4/3	4/11	5/7
Two-panel, single rebated ..	—	5/7	6/1
Ditto, and moulded	—	6/1	6/6
If double rebated <i>add</i>	—	-/4	-/4
If plugged to walls ,	—	-/2	-/2
If splayed ,	—	-/4	-/4
Framed grounds or backings included.	—	—	—

In Teak.

<i>Teak—</i>			
Single rebated	3/11	4/11	6/1
Ditto, and beaded	4/7	5/8	6/4
Double rebated	4/7	5/8	6/4
Ditto, and beaded	5/1	6/2	6/10
Two-panel, single rebated ..	—	6/5	7/5
Ditto, and moulded	—	6/8	8/-
If double rebated <i>ad</i>	—	-/4	-/4
If plugged to walls ,	—	-/2	-/2
If splayed ,	—	-/4	-/4
Framed grounds or backings included	—	—	—

Measured Prices.

JOINER.

BACKS, ELBOWS, SOFFITS.

Per foot super	Deal.	Wainscot or Honduras.		Teak.	
	1½ in.	1½ in.	1½ in.	1½ in.	1½ in.
Plain keyed	2/6	4/10	5/4	5/10	6/4
Square framed	2/10	5/8	6/-	6/-	7/-
Moulded or bead butt ..	3/-	6/-	6/6	7/-	7/6
Fancy moulded	3/4	7/-	7/6	8/-	8/6
Soffit, square framed, } circular one edge ..	3/6	—	—	—	—
Ditto, moulded or bead } butt and ditto	5/-	10/-	11/6	12/6	14/-
Ditto, fancy moulded ..	4/6	9/-	9/6	10/-	10/6
Ditto, circular, two edges	4/6	9/-	9/6	10/-	10/6
If splayed add	-/4	-/8	-/8	-/8	-/8
Plain circular soffit, } canvas-backed	7/-	—	—	—	—
Semicircular moulded } soffit, 2 panels	7/-	12/-	13/-	14/-	15/-

Backs,
elbows,
and soffits

DEAL SHUTTERS AND BACK FLAPS.

Per foot super.	1 in.	1½ in.	1½ in.
	s. d.	s. d.	s. d.
Deal clamped flaps hung } in one height	1 10	2 0	2 4
Two-panel square ditto	2 0	2 2	2 4
Bead butt or moulded, } one side, ditto	2 2	2 4	2 6
If hung in two heights } add	0 3	0 3	0 3
Four-panel square in two } heights	2 4	2 6	3 0
Ditto, moulded one side	2 6	2 8	3 4
For extra panel .. add	0 3	0 3	0 3
If splayed	0 2	0 2	0 2

Shutters
and back
flaps.

DEAL BOXINGS.

Per foot super.	1 in.	1½ in.
	s. d.	s. d.
Deal, splayed	1 6	1 10
„ proper boxings	2 4	2 6
„ circular on plan	—	4 0
„ for sliding shutters double } hung with pulleys, beads, } fillets, etc.	2 6	2 10

JOINER.

Measured Prices.

DEAL SLIDING SHUTTERS.
Including best flax lines and iron weights.

Sliding
shutters.

Per foot super.	1 in.	1½ in.	1½ in.
	s. d.	s. d.	s. d.
Deal, two-panel square	2 6	2 8	3 0
„ moulded or bead butt one side }	2 8	2 10	3 4
„ bead flush and square.. ..	2 10	3 0	3 4
If hung with lead weights .. add	0 6	0 6	0 8

DEAL SHOP SHUTTERS—per foot super.

Shop
shutters
and
Stall board.

	s. d.
1½ in. bead butt and square shop shutters ..	3 0
1½ in. bead butt and moulded	3 6
2½ in. moulded stall board	4 4

PATENT REVOLVING SHUTTERS—per foot super.

Revolving
shutters.

	s. d.
Wood, fixed complete,	5 0
Wood, and iron edge, complete	6 0
Flat laths, iron and all gearing	8 3
Self-coiling, steel.. .. .	10 0
Mahogany or oak.. .. .	10 0

Wall
Boards.

	s. d.
Beaver wall board, in 8 ft. to 16 ft. lengths, and 3 ft. to 4 ft. wide cost per ft.	0 3½
Plaster board cost per yd. sup.	1 8
ditto, fixed, but not including) studs or grounds }	2 5
Asbestos board	2 7
ditto, fixed, but not including) studs or grounds }	3 5

DESCRIPTION.

THICKNESSES.

Ply Wood.

	3/16th	¼ in.	⅜ in.	½ in.
Birch per feet ..	3¼	4½	6	8
Alder „ ..	3¼	4½	6	8
Oregon Pine „ ..	4	6	7	—
Mahogany „ ..	6	7	9	1/—
Oak „ ..	6	7	9	1/—

Can be obtained in sizes 4 ft. × 4 ft., 5 ft. × 5 ft. or in
Boards 12 in. wide up to 8 ft. in length.
Supplied in 3 grades. 1st, 2nd and 3rd's.

Real
Wood.

Thin wood veneer in oak, teak, mahogany walnut, pine, on cardboard backing.	s. d.
In sheet, 2 ft., 2 ft. 6 in. wide up to 8 ft. long.	
per square	50 0
2 in. × ¼ in. oak cover battens..	per foot run 0 3½

Measured Prices.

JOINER.

Finished Thickness in inches	Deal.					Wainscot, Honduras Mahogany					Teak.				
	1	1½	2	2½	3	1	1½	2	2½	3	1	1½	2	2½	3
	1	1½	2	2½	3	1	1½	2	2½	3	1	1½	2	2½	3
Square framed	2/2	2/4	2/6	2/9	3/-	5/1	5/3	5/5	6/1	6/8	7/3	6/-	6/6	7/6	8/7
Bead butt and square	2/4	2/6	2/9	3/-	3/3	5/6	5/9	6/6	7/3	7/6	8/1	6/-	6/8	8/9	10/1
Bead flush both sides	3/-	3/3	3/6	4/3	4/9	6/3	6/6	7/3	8/0	8/3	9/1	7/-	7/5	10/3	11/7
Deduct if left rough one side	1/4	1/3	1/3	1/3	1/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3
Add if moulded one side	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
both sides	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
Extra if collection moulded one side	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
Framed with all panels open for glass, beaded one side and loose beads to other side deduct	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
Add if upper panels are framed with diminished styles including loose beads or mouldings and brass cups and screws	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
Add if in dwarf partitions, etc., under 4 ft. high	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
Add if in spandrils, measured net	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8
Add for labour and materials to preparing and forming doors in framings, including rebates and beads each	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8	1/8

For Pitch Pine add 10 per cent. to prices for deal.

For SPANISH MAHOGANY add 30 per cent. to prices for Honduras.

Partitions, dadoes, wall linings, and other framings, as cupboard fronts, etc.

JOINER.

Measured Prices.

MATCHLININGS.

Match-
linings
(Deal or
Pitch Pine).

Machine-made matched and beaded or V-jointed boarding,
in batten widths with bevelled heading joints, straight or
raking, fixed complete.
(For Machine Prepared Boardings, see CARPENTER.)

Per Square.	Deal (for Pitch Pine add 15 per cent.).							
Thickness in inches	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2
Wrot. one side..	28/-	30/-	31/6	37/-	41/-	50/6	59/6	72/-
„ both sides	32/-	34/-	35/6	41/-	45/-	54/6	63/6	76/-
Add if to ceilings								
or soffits ..	2/-	2/-	2/-	2/6	2/6	3/6	5/-	6/-
„ if to curved								
surfaces ..	3/-	3/6	4/-	4/6	5/6	6/-	8/-	9/-
„ if in 4-inch								
widths ..	2/-	2/-	2/-	2/6	3/-	3/-	3/6	4/0
Raking, cutting								
and waste								
per foot run	-/2	-/2	-/2	-/2	-/3	-/3	-/3	-/3

CAPPING.

Cappings to
partitions,
gates, etc.

	Deal.	Wainscot or Honduras Mahogany.	Teak.
Rounded or moulded, includ- ing scribing not over 3 x 1 in., screwed to rails, parti- tions, etc., and including fair ends, straight or raking per foot run	-/6	1/1	1/2
Ditto, bent in fixing ..	0/10	1/8	2/-
Ditto, circular on plan ..	1/6	3/-	3/6
Mitres .. .. .each	-/2	-/3	-/4

OAK CAPPING.

Oak
Capping.

	s. d.
Wrot. and sunk, saddle back and rounded or moulded to gates, etc., 4 $\frac{1}{2}$ x 2 $\frac{1}{2}$ in. per foot run	2 6
Ditto, ditto, 5 x 3 in.	2 9
Ditto, ditto, 6 x 3 in.	3 3
Returned mitred ends.. .. .each	1 0
Ends cut on splay	0 6

PANELLING—INTERLOCKING—per foot super.

Panelling—
Inter-
locking.

	s. d.
Solid oak rails and styles with veneered panels including capping and skirting, all oiled.	3 9
Square edges	
Add if rail bevelled on top edges	0 1
Add if muntins are moulded	0 2
Add if muntins and rails moulded all round edges	0 4
Add if fumed or wax polished	0 4

Measured Prices.

JOINER.

THICKNESSES AND FRAMINGS.

In quantities less than half a square.*

DEAL		Thicknesses (finished).									
(For selected Pitch Pine add 25 per cent.)		3 in.	2½ in.	2 in.	1½ in.	1¼ in.	1 in.	¾ in.	⅝ in.	½ in.	⅓ in.
Rough	.. .. .	1/5½	1/3	-/11¾	-/10	-/8½	-/7	-/6	-/5	-/4½	-/3½
Edges shot	.. .. .	1/5½	1/3	1/3	-/11¾	-/10	-/9	-/7½	-/6	-/5	-/4½
Wrought one side and edges shot	.. .. .	1/9	1/8	1/3½	-/11¾	-/10	-/11	-/9	-/8	-/7½	-/6½
Ditto, both sides ditto	.. .. .	1/10½	1/9	1/6	1/3	1/0½	-/11½	1/10	-/8½	-/8	-/7½
Ada if framed, clamped, or dovetailed	.. .. .	-/7½	-/7½	-/6½	-/6½	-/5½	-/5½	-/4½	-/4½	-/3½	-/3½
.. extra to last if mitre-clamped or dove-tailed in drawer rims, etc.	.. .. .	-/5½	-/4½	-/3½	-/2½	-/2½	-/1½	-/1½	-/1½	-/1½	-/1½
Matched with ploughed and tongued or rebated joints	.. .. .	2/1	1/10½	1/8	1 3/4	1/2	-/11¾	-/10	-/9½	-/9½	-/8½
Ditto, and beaded or V-jointed one side	.. .. .	2/1	2/-	1/7	1/4½	1/3	1/0½	-/10½	-/10	-/9½	-/8½
Ada if both sides	.. .. .	-/11½	-/11½	-/10	-/10	-/10	-/10	-/10	-/10	-/10	-/10
.. if to ceilings and soffits	.. .. .	-/11½	-/11½	-/10	-/10	-/10	-/10	-/10	-/10	-/10	-/10
.. if keyed as dado	.. .. .	-/11½	-/11½	-/10	-/10	-/10	-/10	-/10	-/10	-/10	-/10
.. if plugged to walls	.. .. .	-/11½	-/11½	-/10	-/10	-/10	-/10	-/10	-/10	-/10	-/10
Gutter boards and bearers	.. .. .	-/11½	-/11½	-/10	-/10	-/10	-/10	-/10	-/10	-/10	-/10
Labour and nails in fixing only, including cutting to sizes..	.. .. .	-/11½	-/11½	-/10	-/10	-/10	-/10	-/10	-/10	-/10	-/10

Thicknesses and Framings in Deal and Pitch Pine.

* If in quantities of one square and over, see Machine Prepared Boardings, CARPENTER and JOINER.

JOINER.

Measured Prices.

OAK (ENGLISH).

Thicknesses
and
Framings
in Oak.

Per foot super.	Thicknesses (finished).							
	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.	2 in.	$2\frac{1}{2}$ in.	3 in.
Rough	-/10	1/1	1/4	1/6	1/10	2/4	2/10	3/4
Edges shot ..	-/11	1/2	1/5	1/8	2 -	2/7	3/1	3/8
Wrot. one side and ditto	1/0 $\frac{1}{2}$	1/3 $\frac{1}{2}$	1/7	1/10	2/2	2/9	3/5	4/-
Ditto, two sides and ditto	1/2	1/5	1/8 $\frac{1}{2}$	2/-	2/4	3/-	3/6	4/2
Add if clamped or dovetailed	-/5	-/6	/7-	-/7	-/8	-/10	-/10	1/-
Add for ploughed and tongued or rebated joints, or tongued with hoop iron, includ- ing hoop iron	-/2	-/2	-/3	-/3	-/3	-/3 $\frac{1}{2}$	-/4	-/4 $\frac{1}{2}$
Add if keyed as dado ..	-/2	-/2 $\frac{1}{2}$	-/3	-/3 $\frac{1}{2}$	-/4	—	—	—
Add if hung with hinges	-/3	-/3	-/3	-/3 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/7	-/9

ELM AND BEECH—per foot super.

Thicknesses
and
Framings
in Elm.

Thicknesses (finished) ..	1 in.	$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.	2 in.	2 $\frac{1}{2}$ in.	3 in.
<i>Elm—</i>						
Rough	/10 $\frac{1}{2}$	1/-	1/2	1/6	1/9 $\frac{1}{2}$	2/1
Edges shot	/11 $\frac{1}{2}$	1/2	1/4	1/9	2/1	2/5
Wrot. one side and ditto	1/1 $\frac{1}{2}$	1/4	1/6	1/9	2/4	2/7
Ditto, two sides and ditto	1/3	1/5	1/8	2/1	2/6	2/9
Add if ploughed and tongued or rebated joints, or filleted (including elm fillets)	-/2	-/2 $\frac{1}{2}$	-/3	-/3 $\frac{1}{2}$	-/4	-/4 $\frac{1}{2}$
<i>Beech—</i>						
Rough	-/10	/11 $\frac{1}{2}$	1/2	1/4 $\frac{1}{2}$	1/9	1/11
Edges shot	-/11	1/1 $\frac{1}{2}$	1/5 $\frac{1}{2}$	1/7 $\frac{1}{2}$	2/-	2/4
Wrot. one side and ditto	1/1	1/3	1/6	1/10	2/2	2/6
Ditto, two sides and ditto	1/3	1/4 $\frac{1}{2}$	1/7 $\frac{1}{2}$	1/11	2/4	2/8
Add if ploughed and tongued or rebated joints, or filleted (including beech fillets)	-/2	-/2 $\frac{1}{2}$	-/3	-/3 $\frac{1}{2}$	-/4	-/4 $\frac{1}{2}$

In Beech.

Measured Prices.

JOINER.

WAINSCOT, WALNUT, OR HONDURAS MAHOGANY.

Thicknesses (finished)	per foot super.	1 in.	1 1/4 in.	1 1/2 in.	2 in.	2 1/2 in.	3 in.
Rough	1/1 1/2	1/4	1/8	2/1	2/5	5/11
edges shot...	1/2 1/2	1/5	1/9	2/2	2/9	6/3
Wrot. one side and ditto	1/4	1/6	1/11	2/4	2/11 1/2	6/8
two sides and ditto	1/6	1/8	2/1	2/5	3/1	7/-
Add if framed, clamped, or dovetailed	-4 1/2	-5 1/2	-6 1/2	-7 1/2	-11 1/2	-11 1/2
extra to last if mitre clamped or dovetailed in drawers	—	—	-1 1/2	-3 1/2	-9	—
for ploughed and tongued or rebated joints	-1 1/2	-1 1/2	-2 1/2	-3 1/2	—	—
if beaded or V-jointed..	-1	-1	-1	—	—	—
if keyed as dado	-1 1/2	-1 1/2	-2 1/2	—	—	—
if cross tongued	-2 3/4	-3 3/4	-4 1/2	—	—	—
if hung with hinges (exclusive of hinges)	-1	-1 1/2	-1 1/2	-4 1/2	-5 1/2	-7 1/2
if put together with white lead	—	-1 1/2	-1 1/2	-1 1/2	-1 1/2	-1 1/2
if plugged to walls	—	-1 1/2	-1 1/2	-1 1/2	-1 1/2	-1 1/2
if button blocked as to counter tops, including grooves	—	—	—	-1 1/2	-1 1/2	-1 1/2
Labour and nails only in fixing	-1 1/2	-1 1/2	-1 1/2	-3 3/4	-4 1/2	-5 1/2

Thicknesses and Framings in

Wainscot, Walnut, Honduras Mahogany, and

Spanish Mahogany.

Curved work bent in fixing, add 50 % to prices of straight work.
SPANISH MAHOGANY--30 per cent. more than above rates.

JOINER.

Measured Prices.

Thicknesses
and
Framings
in Teak.

TEAK.

	Thicknesses (finished)	per foot super.	$\frac{1}{4}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.	2 in.	2 $\frac{1}{4}$ in.	3 in.
Rough	1/3	1/6	1/11	2/4	2/11	3/7 $\frac{1}{2}$	4/7 $\frac{1}{2}$	6/1	7/-
edges shot...	1/4	1/8	2/1	2/7	3/6	3/10 $\frac{1}{2}$	4/11	6/3	7/5
Wrot, one side and ditto	1/7	1/10	2/5	2/9	3/7	5/3	5/7	6/4 $\frac{1}{2}$	7/9 $\frac{1}{2}$
two sides and ditto	1/9	2/-	2/5	3/3	3/7	4/5 $\frac{1}{2}$	5/9	6/8	7/11 $\frac{1}{2}$
Add if framed, clamped, or dovetailed	-/5 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/7 $\frac{1}{2}$	-/8 $\frac{1}{2}$	-/8 $\frac{1}{2}$	-/10 $\frac{1}{2}$	1/1 $\frac{1}{2}$	1/1 $\frac{1}{2}$	1/1 $\frac{1}{2}$
extra to last if mitre clamped or dovetailed in drawers	—	—	-/3 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	—	—	—
for ploughed and tongued or rebated joints	-/1 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/4 $\frac{1}{2}$	—	—	—
if beaded or V-jointed..	-/1	-/1	-/1	-/1	-/1	-/1	—	—	—
if cross tongued	-/3 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/7 $\frac{1}{2}$	-/9	-/11 $\frac{1}{2}$	—	—
if keyed as dado	—	-/2 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/4 $\frac{1}{2}$	—	—	—
if hung with hinges (excluding hinges)	-/2 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/8 $\frac{1}{2}$
if put together with white lead..	-/2 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/8 $\frac{1}{2}$
if plugged to walls	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$
if button blocked as to counter tops, including grooves	—	—	—	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/4 $\frac{1}{2}$	—	—
Labour and nails only in fixing	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/3 $\frac{1}{2}$	-/4 $\frac{1}{2}$	-/5 $\frac{1}{2}$	-/6 $\frac{1}{2}$

Curved work bent in fixing, add one-fourth to prices of straight work.

Measured Prices.

JOINER.

CASINGS, FASCIAS, PIPE CASINGS, ETC.

Per foot super.	$\frac{3}{4}$ in.	1 in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.	Casings, Fascias, Pipe casings, etc.
<i>Deal—</i>					
Wrought one side and beaded	1/2	1/4	1/6	1/8	
Ditto, cross tongued	1/4	1/6	1/8	1/10	
Ditto, ledged and slot screwed	1/8	1/10	2/-	2/2	
Ditto, with two rebated and beaded grounds}	2/-	2/2	2/4	2/6	
<i>Wainscot or Honduras Mahogany—</i>					
Wrought one side and beaded	3/2	3/8	4/1	4/5	
Ditto, cross tongued	3/6	4/3 $\frac{1}{2}$	4/5 $\frac{1}{2}$	4/9	
Ditto, ledged and slot screwed	4/1	4/7 $\frac{1}{2}$	5/3	5/8 $\frac{1}{2}$	
Ditto, with two rebated and beaded grounds}	5/3	5/8 $\frac{1}{2}$	6/1 $\frac{1}{2}$	6/2 $\frac{1}{2}$	
<i>Teak—</i>					
Wrought one side and beaded	3/8	4/1	4/8 $\frac{1}{2}$	5/3	
Ditto, cross tongued	4/1	4/8 $\frac{1}{2}$	5/3	5/7 $\frac{1}{2}$	
Ditto, ledged and slot screwed	5/1	5/7 $\frac{1}{2}$	6/1 $\frac{1}{2}$	6/7 $\frac{1}{2}$	
Ditto, with two rebated and beaded grounds}	6/1 $\frac{1}{2}$	6/7 $\frac{1}{2}$	7/5	7/11 $\frac{1}{2}$	

ARCHITRAVES, CORNICES, AND MOULDINGS.

	Deal.	Wainscot or Honduras Mahogany	Teak.	Archi- traves, Cornices, and Mouldings.
	s. d.	s. d.	s. d.	
Exceeding 6 in. girth per foot super. }	2 0	5 4	6 1	
Not exceeding 6 in. girth, per inch girth .. per foot run }	0 3	0 5 $\frac{1}{2}$	0 7	
Mitres }	0 1 $\frac{1}{2}$	0 2 $\frac{1}{2}$	0 3 $\frac{1}{2}$	
Returned and mitred ends per foot run }	0 2	0 3 $\frac{1}{2}$	0 5 $\frac{1}{2}$	
Beads }	0 2	0 5 $\frac{1}{2}$	0 6 $\frac{1}{2}$	Beads.
Staff ditto up to 1 $\frac{1}{2}$ in. diam. per foot run }	0 6	0 10 $\frac{3}{4}$	1 1	

Per foot run.	Deal or Pitch Pine.	Oak or Birch.	Wainscot or Honduras.	Teak.	Fillets and small sections.
Wrought one side and edges, and including mitres—					
$\frac{1}{2}$ or $\frac{3}{4}$ \times 1 in.	-/3	-/5	-/6	-/7	
„ 2 in.	-/3 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/7 $\frac{1}{2}$	-/9	
„ 3 in.	-/4	-/7 $\frac{1}{2}$	-/9	-/11	
1 \times 1 in.	-/3	-/5 $\frac{3}{4}$	-/7 $\frac{3}{4}$	-/9	

JOINER.

Measured Prices.

Treads,
and
risers.

Winders.

Curtail
steps.Cut
brackets.

Strings.

Wreaths
Ramps.

STAIRCASES. All materials and labour.

Treads and risers, half and quarter spaces, including rough bracketing. Carriages to be measured as framed timber.

Treads, Risers, and Strings.	Deal. (For Pitch Pine add 15 p.c.)				Oak.				Teak.			
	1 in.	1½ in.	2 in.	2 in.	1 in.	1½ in.	2 in.	2 in.	1 in.	1½ in.	2 in.	2 in.
	1 in.	1½ in.	2 in.	2 in.	1 in.	1½ in.	2 in.	2 in.	1 in.	1½ in.	2 in.	2 in.
Rough treads and risers	1/7	1/9	2/14	2/8	3/3	3/10	4/3	5/6	3/8	4/5	5/6	6/6
Wrought ditto, with rounded nosings	1/11	2/4	2/9	3/1	3/10	4/4	4/11	6/9	4/4½	5/2	6/2	8/1
Ditto, glued and blocked with moulded nosings	2/9	3/1	3/6	3/11	4/9	5/5	6/2	8/1	5/6	6/6	7/5	9/1
Add, if in winders to any of above	-23	-23	-33	-33	-53	-71	-9	-103	-71	-9	-103	1/1½
Housing landing to string	-33	-33	-33	-33	-53	-71	-9	-103	-61	-61	-61	-71
Ditto for treads and risers,	1/-	1/-	1/-	1/-	2/-	2/-	2/-	2/-	2/-	2/-	2/-	2/-
Returned moulded and mitred ends to treads	1/11	1/11	1/5	1/5	1/11	1/11	2/1	2/5	5/8	5/8	6/1	56/8
Ditto, circular	3/0	3/-	3/-	3/-	4/9	4/9	5/8	5/8	5/8	5/8	6/1	56/8
Curtail step and riser, extra only	29/-	29/-	29/-	29/-	43/-	43/-	48/-	52/6	48/6	48/6	54/-	26/-
Quadrant end	13/10	13/10	13/10	13/10	16/-	16/-	18/1	19/10½	18/1	19/10½	22/3	7/4
Plain cut brackets mitred to risers	2/7½	2/7½	2/7½	2/7½	3/1	3/8	4/2½	4/9	3/9	4/5½	4/9	5/7
Ditto, if curved	5/3	5/3	5/8	5/8	6/4	7/4	8/4½	8/4½	7/5	8/4½	9/2	9/7½
Strings.												
Plain wrought one side wall string and plugged	1/4	1/6	1/8	1/10	2/11	3/3	3/10	4/7	3/2	3/9	4/3½	5/8
Wrought one side and framed ditto	1/6	1/8	1/10	2/2	3/2	3/7	4/1	5/3	3/9	4/1	4/11	5/11
Ditto two sides ditto, outer string	1/8	2/-	2/2	2/6	3/7	3/11	4/7	5/10	4/1	4/10	5/3	6/7
Add, if moulded	-23	-23	-23	-23	-53	-53	-53	-53	-71	-71	-71	-71
Ditto, if cut for treads and risers	-33	-44	-55	-66	-77	-99	-1010	-111	-99	-1010	1/1	1/2½
If wreathed, five times the above rates.												
Ramps, extra only	-103	-103	1/1	1/2½	1/11	1/11	2/4	2/9	2/3	2/3	2/9	3/2

Measured Prices.

JOINER.

HANDRAILS.

Framed, and fixed Level or Raking.	Deal.	Birch.	Wainscot or Honduras Mahogany	Teak or Spanish Mahogany	Handrails in Deal,
$2\frac{1}{2} \times 2\frac{1}{2}$ in. rounded per foot run	s. d. 1 0 $\frac{1}{2}$	s. d. 2 1	s. d. 3 1 $\frac{1}{2}$	s. d. 4 1	Wainscot,
Ditto, circular or ramped per ft. run	4 1	6 3 $\frac{1}{2}$	9 5	11 1 $\frac{1}{2}$	Mahogany,
Ditto, moulded per foot run	1 3 $\frac{1}{2}$	2 9	4 1	5 3	
Ditto, circular or ramped per ft. run	4 8 $\frac{1}{2}$	7 5	12 8	16 0	Teak.
3×3 in. rounded per foot run	1 4 $\frac{1}{2}$	2 6 $\frac{1}{2}$	3 11	4 11	
Ditto, moulded per foot run	1 9	3 2	5 3	6 1 $\frac{1}{2}$	
Ramps and knees, or circular, averaging 3×3 in. to rounded rail per foot run	4 8 $\frac{1}{2}$	6 10	10 6	12 8	Ramps.
Ditto, to moulded rail per foot run	5 9	8 5	13 7	16 9	
Wreathings to $2\frac{1}{2} \times 2\frac{1}{2}$ in. rounded per foot run	7 5 $\frac{1}{2}$	12 7	16 9	22 3	Wreaths.
Ditto, moulded „	9 11	16 9	25 4	29 8	
Ditto, to 3×3 in. moulded per ft. run	12 7	18 9	29 8	32 0	
Handrail more than 3×3 in. rounded per foot cube	13 10	21 3	36 6	44 7	
Ditto, moulded per foot cube	19 7	31 6	53 0	63 0	
Add for groove for iron core rail, straight per ft. run	0 1 $\frac{1}{2}$	0 2 $\frac{3}{4}$	0 4 $\frac{1}{2}$	0 5 $\frac{1}{2}$	
Scroll ends .. each	6 3	9 11	21 0	33 0	Scroll ends.

NEWELS.

	Deal.	Wainscot or Honduras Mahogany	Teak or Spanish Mahogany	Newels.
Wrought and framed, average, $2\frac{1}{2} \times 2\frac{1}{2}$ in. per foot run	s. d. 1 0 $\frac{1}{2}$	s. d. 2 1	s. d. —	
Ditto, ditto, 3×3 in. „	1 4 $\frac{1}{2}$	3 2 $\frac{1}{2}$	4 3 $\frac{1}{2}$	
Ditto, above 3×3 in. per foot cube	14 6	39 3	44 6	
Turnings, from, each	3 6	5 0	7 2	

JOINER.

Measured Prices.

BALUSTERS.

Balusters.

	Deal.	Wainscot or Honduras Mahogany	Teak or Spanish Mahogany
Wrought and framed, average, 1 × 1 in. } per foot run	s. d. 0 4½	s. d. 0 11½	s. d. 1 3
Ditto, 1½ × 1½ in. „	0 5½	1 7	1 9
Ditto, 2 × 2 in. „	0 8	2 1	2 5½
Turnings from .. ..each	0 11½	1 6	1 9

STAIRCASES—SUNDRIES.

Staircase
Sundries.

	Deal.	Wainscot or Honduras Mahogany	Teak or Spanish Mahogany
Joints in handrail, including screws, nuts, etc. ..each	s. d. 1 7	s. d. 2 6½	s. d. 3 0½
Wrought iron core rail, and fixing with screws } per foot run	1 4½	1 6	1 8
Iron balusters, fixing only to wood handrail .. ..each	1 4½	1 6	1 8
Housings for balusters in handrail .. ..each	0 3¾	0 4½	0 5½
Turned pendants to newels } each	2 6	3 6	3 6
Ditto, and mitred caps to ditto .. ..each	4 0	7 6	8 6
Rounded and mitred tops to ditto .. ..each	2 6	—	—
Moulded and ditto, ditto „	7 6	10 0	12 0
Handrail screws, and fixing in .. ..each	0 7¾	0 11¾	0 11¾

Fittings.

FITTINGS, ETC.

CUPBOARDS AND DRESSERS—*per foot super*
Measured on Face.

Cupboards
and
Dressers.

1-in. deal tops, square skirting ½-in. shelf, 1½-in. moulded and square folding doors } hung to beaded frame.. ..	s. d. 4 0
2-in. tops, 3 shelves, 3 drawers, pot-boards, framed legs and ends, 1 ft. 6 in. deep .. }	5 6

Improved kitchen dresser with binged and glazed upper doors, 2 drawers and 2 lower doors fixed complete with shelves—	£ s. d.
3 ft. wide	5 10
3 ft. 6 in. wide.. ..	6 10 0
4 ft. wide	7 10 0
4 ft. 6 in. wide.. ..	8 10

Measured Prices.

JOINER.

DEAL SCHOOL FITTINGS.

SCHOOL FITTINGS, including Desk-top, 14 in. wide; shelf, 7 in.; seat, 9 in.; two standards to each.

	Pitch Pine.	Oak.	School fittings.
	s. d.	s. d.	
School desks with steel standards, lift-up top and tilting seat, enclosed book-shelf and back rail, 3 ft. 4 in. long, for two scholars <i>from</i>	32 0	33 0	
Ditto, ditto, with lockers "	42 0	43 6	
Ditto, ditto, single lockers for one scholar "	35 0	36 0	
Ditto, ditto, for three scholars "	76 0	84 0	
" " " four " " " " " " " " " " " "	107 6	117 0	
" " " five " " " " " " " " " " " "	122 6	136 0	
" " " six " " " " " " " " " " " "	138 6	155 0	

SCHOOL CUPBOARDS.

With two doors, fitted with lock and bolts, complete with shelves.

Size.	Depth.	Shelves.	Pitch Pine.	Oak.	School Cupboards.
			£ s. d.	£ s. d.	
4 ft. 0 in. × 3 ft. 0 in.	12 in.	3	4 7 6	4 16 6	
5 ft. 0 in. × 3 ft. 3 in.	12 in.	3	4 17 6	5 8 6	
5 ft. 6 in. × 3 ft. 6 in.	12 in.	4	5 10 6	6 2 6	
6 ft. 0 in. × 3 ft. 6 in.	12 in.	5	5 17 6	6 11 6	
6 ft. 6 in. × 4 ft. 0 in.	12 in.	5	6 17 6	7 0 0	
6 ft. 6 in. × 5 ft. 0 in.	12 in.	5	8 5 0	8 11 6	

GREENHOUSES COMPLETE.

Including fixing, sashes 2 in. thick, glazed with 16-oz. sheet glass.

Length.	Width.			Green-house.
	7 ft.	8 ft. 6 in.	10 ft.	
Lean-to houses—	£ s. d.	£ s. d.	£ s. d.	
10 ft. 0 in.	18 5 0	20 0 0	22 0 0	
19 ft. 0 in.	29 10 0	33 0 0	36 0 0	
29 ft. 0 in.	41 0 0	45 0 0	50 0 0	
Span houses—	9 ft.	11 ft. 6 in.	14 ft.	
	£ s. d.	£ s. d.	£ s. d.	
10 ft. 0 in.	26 0 0	31 0 0	33 0 0	
19 ft. 6 in.	43 0 0	52 0 0	58 0 0	
29 ft. 0 in.	61 0 0	74 0 0	80 0 0	

	Deal.	Oak.	Wedges.
	s. d.	s. d.	
Wedges ($\frac{3}{4}$ in. thick in centre) <i>per foot super.</i> }	0 6 $\frac{3}{4}$	1 3	
" (1 in. ditto) " }	0 8	1 4 $\frac{1}{2}$	
" (1 $\frac{1}{2}$ in. ditto) " }	1 0 $\frac{1}{2}$	2 1	
" (2 $\frac{1}{2}$ in. ditto) " }	1 3	2 3 $\frac{1}{2}$	
" (3 in. ditto) " }	1 7	3 5	

Sundries.

JOINER.

Measured Prices.

SUNDRIES. All Material and Labour and Fixing.

Sundries.		Deal.	Wainscot or Honduras	Teak.
		s. d.	s. d.	s. d.
Beads.	<i>Beads, braddled in, including mitres</i>	0 3	0 6	0 7
	„ cut to centre hung sashes } per foot run }	0 4	0 7	0 8
	„ cut to centre hung sashes } circular per foot run }	0 7	1 0	1 3
	Add if fixed with cups and screws	0 2	—	—
Blockings.	<i>Blockings, including glueing</i> each }	0 2	—	—
	„ including screwing and screws each }	0 4	—	—
	<i>Boltheads, sunk and pelleted</i> each }	1 0	2 0	2 6
Brackets.	<i>Brackets—</i>			
	Rough as for gutters ..each	1 0	—	—
	Wrought, and fixed with screws .. .. .each }	1 3	—	—
	Ditto, and shaped 6 × 6 × 1½ in. .. .. .each }	1 6	3 0	3 6
	Ditto, 18 × 9 × 1½ in. .. „	3 0	6 0	7 0
Cross tonguing.	<i>Cross tonguing.. per foot run</i>	0 3	—	—
Drawers.	<i>Drawers—</i>			
	¼ in. divisions per foot super.	0 9	2 0	2 4
	¼ in. bottoms and dustboards } per foot super. }	0 9	2 0	2 4
	1 in. fronts sham, tongued all round per foot super. }	1 0	3 0	4 0
	½ in. sides and backs „	0 10	2 3	2 8
	Housing edges per foot run	0 2	0 3	0 4
	Fillets or runners, rebated, wrought and glued } per foot run }	0 4	0 8	0 10
	Ditto, double rebated „	0 6	1 0	1 2
	Stops, including glueing each	—	0 6	—
Fillets.	<i>Fillets, rounded, grooved and glued</i> .. .. .each }	0 5	0 10	1 0
	<i>Harness pegs, in hardwood</i> „	—	3 0	—
Mouldings.	<i>Mouldings, not exceeding 6 in. girth, per in. girth per ft. run</i> }	0 2	0 4½	0 6
	<i>Money bowls, turned any size</i> .. .. .each }	—	5 0	—
Parting bead.	<i>Parting bead, ½ in. thick</i> per foot run }	0 3	0 5	0 7
Staff bead.	<i>Staff bead, not exceeding 1½ in. diameter..</i> per foot run }	0 6	0 10	1 0
	<i>Tongues, cross</i> .. „	0 3	—	—
	<i>Taking down and rehanging</i> doors .. .. .each }	4 0	—	—
Towel rollers.	<i>Towel rollers and brackets</i> „	2 6	—	—

LABOURS. (Measured Prices.)
When not measured elsewhere.

JOINER.

	Deal.	Ash, Elm, Oak, Wainscot, or Honduras Mahogany	Teak.	Labours.
	s. d.	s. d.	s. d.	Angles.
Angles, mitred only ..each	0 2	0 4	0 5	
Ditto, cross tongued, mitred and stopped .. ..each	0 6	1 0	1 2	
Beading, single per foot run	0 0 $\frac{3}{4}$	0 1 $\frac{1}{2}$	0 2	Beading.
„ staff „	0 3	0 4	0 6	
„ flush „	0 1	0 2	0 2 $\frac{1}{2}$	
„ circular „	0 3	0 6	0 7 $\frac{1}{2}$	
Chamfer or weathering, not more than 2 in. wide per foot run	0 1	0 2	0 2 $\frac{1}{2}$	Chamfer.
Ditto, more than 2 in. wide per foot super.	0 4	0 8	0 10	
Cesspools in gutters, with holes cut and dished .. ..each	4 0	—	—	Cesspools.
Condensation outlets to sky- lights .. ..each	0 6	0 8	—	
Corners or ends splayed .. „	0 1 $\frac{1}{2}$	0 3	0 4	Corners.
Cuttings to stuff—				Cuttings.
Not over 2 in. thick, splay per foot run	0 1	0 1 $\frac{1}{2}$	0 2	
Ditto, circular „	0 4	0 6	0 8	
Over 2 in. thick, splay per foot super.	0 5	0 8	0 10	
Ditto, circular „	1 8	2 6	3 0	
Edges or nosings rounded not over 2 in. girt per foot run	0 2	0 4	0 5	Edges. Nosings.
Ditto, over 2 in. girt, per ft. sup.	0 8	1 6	2 0	
Edges shot or wrought not over 3 in. thick .. per ft. run	0 0 $\frac{1}{2}$	0 1	0 1	
Egg and tongue carving, pre- paring for .. per foot run	0 2	0 4	0 5	Egg and tongue.
Ends or corners rounded ..each	0 2	0 3	0 4	
Add if moulded or beaded and ditto .. ..each	0 2	0 3	0 3	Ends rounded.
Fluting (each flute) per ft. run	0 2	0 4	0 5	Fluting.
Grooving—				Grooving.
Plough square or circular per foot run	0 1	0 1 $\frac{1}{2}$	0 2	
Cross, not more than 18 in. long or 2 in. girt, per ft. run	0 2	0 3	0 3 $\frac{1}{2}$	
Not more than 2 in. girt in flooring for skirting per foot run	0 2	0 4	0 6	
Exceeding 2 in. girt per foot super.	0 8	1 0	1 6	
Not exceeding 2 in. girt, circular per foot run	0 3	0 8	0 9	
Holes—				Holes.
1 in. diam. at per inch in depth .. ..per doz.	0 6	0 8	1 0	
1 $\frac{1}{2}$ in. ditto, ditto, and under 3 in. .. ..per doz.	1 0	2 0	2 6	

JOINER.

LABOURS. (Measured Prices.)
continued.

Labours— (continued)		Deal.	Ash, Elm, Oak, Wainscot, or Honduras Mahogany	Teak.
		s. d.	s. d.	s. d.
Holes and Mortices.	<i>Holes and mortices—</i> 3 in. to 6 in. sq., at per inch in depth each }	0 6	0 9	0 10
Hollow.	<i>Hollow for heel of door ft. run</i>	0 3	0 6	0 7
Housings.	<i>Housings, ordinary each</i>	0 3	0 4	0 5
	<i>Ditto in architraves for moulded skirting per inch }</i>	0 1	0 3	0 3½
Joints.	<i>Joints, cross tongued heading per foot run }</i>	0 6	1 0	1 2
Locks.	<i>Locks, preparing for (mortice) each }</i>	2 6	3 0	3 6
Mortices.	<i>Mortices—</i> 1 in. square each 1½ in. ditto and under 3 in each }	0 2 0 2½	0 4 0 5	0 5 0 6½
Mouldings.	<i>Moulding, machine worked (any section)—</i> Not more than 6 in. girt, per inch girt, per foot run }	0 1	0 2	0 2½
	<i>More than 6 in. girt per foot super. }</i>	1 0	2 0	2 6
Mitres.	<i>Mitres per inch girt</i>	0 1	0 2	0 3
Notchings.	<i>Notchings per foot run</i>	0 3	0 6	0 7
Planing.	<i>Planing by machinery per sq.</i>	3 0	—	—
	<i>Ditto by hand per foot super.</i>	0 4	0 6	0 7
	<i>Rafters, feet of wrought and moulded each }</i>	0 6	0 10	1 0
Rebate.	<i>Rebated edge not more than 2 in. girth .. per foot run }</i>	0 2	0 4	0 4½
	<i>Ditto, ditto, exceeding ditto per foot super. }</i>	1 2	1 6	1 10
Reeding.	<i>Reeding (each reed), per ft. run</i>	0 2	0 4	0 4½
Rounded edge.	<i>Rounded edge or heel to 2 in. doors per foot run }</i>	0 2	0 4	0 4½
Scribing.	<i>Scribing and fitting on stuff not over 2 in. girth, per foot run }</i>	0 1½	0 3	0 4
	<i>Ditto, ditto, over ditto, per foot super. }</i>	0 8	1 2	1 6
Stops.	<i>Stops to chamfers, rounded nosings, beads, rebates, grooves, reeds, etc. .. each }</i>	0 3	0 5	0 7
	<i>Ditto to mouldings ,</i>	0 8	1 0	1 2
Turnings.	<i>Turnings to balusters, table- legs, etc... .. each from }</i>	1 0	1 6	1 9
Traversing	<i>Traversing or thickening, per foot super. }</i>	0 3	0 4½	0 5
Throating.	<i>Throating, sills, etc., per ft. run</i>	0 1	0 1½	0 2
Fumi- gating.	<i>Wainscot, fumigating, per foot super. }</i>	—	0 3	—

Measured Prices.

IRONMONGER.

Fixed complete to deal with screws: the brass work with brass screws. All iron work japanned unless otherwise described.

BOLTS.

	Wrought Iron.				Brass.				Bolts.
	4in.	6 in.	10in.	18in.	4 in.	6 in.	10in.	18in.	
Barrel or tower, <i>each</i>	-/9	1/6	2/6	4/6	2/-	3/-	5/6	10/9	— barrel. — neck.
Brass-necked spring bolts <i>each</i>	—	—	—	—	2/-	—	—	—	
Flush, ¾ in. wide ,,	—	—	—	—	2/8	4/-	—	—	— flush.
1 in. ditto .. ,,	—	—	—	—	3/2	4/9	—	—	
1 in. lever ditto ,,	—	—	—	—	—	8/-	10/-	—	
Flat spring or cupboard <i>each</i>	1/3	—	—	—	—	—	—	—	
Diameter in inches.								½ in.	
Espagnolette, iron (6 ft. long) <i>each</i>								s. d. 10 0	— espagnolette.
Add per foot extra 1/-.									
Ditto, ditto, brass <i>each</i>								41 0	
Add per foot extra 2/6.									
								s. d.	Brass castings.
Brass, sheet <i>per lb.</i>								1 7	Buttons, Casement stays, and fasteners and sash fittings, etc.
Buttons, brass on plate <i>each</i>								1 6	
Casement stays, fasteners, etc., see "Fasteners." ,,								—	
Centres (sash), see "Pivots."								—	
Chain, wrought iron, 10 in. long, and barrel } for doors <i>each</i> }								2 6	
,, brass, 8 in. long, and barrel for doors ,,								8 6	
Ditto, heavy								15 0	
Cleats for sash cords, wrought iron 4 in. ..								1 6	
,, ,, ,, brass								1 3	
Dowels, iron, for door frames, etc., .. <i>each</i>								0 8	
Eyes, wrought iron, with screwed ends <i>per doz.</i>								2 4	
,, brass, with screwed ends, small ,,								2 11½	
,, ,, ,, large ,,								3 11	
Fasteners for casements—									
Iron, 18 in. long <i>from each</i>								1 6	
Brass								3 0	
Gunmetal								3 6	
Fasteners, sash, 3 in., strong								2 6	

IRONMONGER.

Measured Prices.

Handles.

Fittings for opening large sashes, etc.—	s.	d.
1½ in. strong brass eye hook, for upper sash .. .. .each }	1	0½
Ash rod, 1½ in. diameter, 10 ft. long, wrought and polished .. per foot run }	1	0½
Furniture for doors, see "Locks."		
Handles (for knob handles, see under "Locks")		
Door, iron bow, 4 in.	0	9½
" brass bow, 3½ in.	1	6
Drawer and lifting, brass, 3 in.	1	1½
" " " " 4 in.	1	3
Pulls, iron, japanned or bronzed, 3 in. ..	0	5½
" " " " 4 in.	0	6¼
" brass, 3½ in.	1	0½
Flush, brass, on plate, 3 in.	2	3
Grip, brass, 10 in., for swing doors from	6	0
" " 12 in. " " "	10	0

HINGES—per pair. (Supplied only.)

Hinges
(butts).

	Wrought Iron.	Wrought Steel.	Brass.
	s. d.	s. d.	s. d.
Butts, strong, 2 in.	0 11	0 8½	1 4
" 2½ in.	1 2	0 11	1 9
" 3 in.	1 4	1 2	2 1
" 3½ in.	1 10	1 7	3 0
" 4 in.	2 3	2 1	4 2
" 5 in.	3 11	3 4	—
" 6 in.	5 2	4 8	—
		Cast Iron.	
Rising butts, 3 in.	—	2 0	27 6
" 4 in.	—	3 4	30 0
" 5 in.	—	4 9	42 6
			Cast Brass.
Back flap or counter,			—
1 in.	0 8½	—	—
" 1½ in.	0 10	—	1 6
" 1¾ in.	0 11½	—	1 8
" 1¾ in.	1 2	—	2 8
" 2 in.	1 5	—	3 4

IRONMONGER.

Measured Prices.

HELICAL SPRING HINGES.

(Supplied only.)

	Thickness of Door.					
	1 in.	1½ in.	1½ in.	1½ in.	2 in.	2½ in.
	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Single action—						
Jap. iron <i>each</i>	3 0	3 6	4 9	5 3	6 6	8 6
Polished brass <i>each</i> }	7 0	8 9	9 6	10 9	13 0	17 6
Double action—						
Jap. iron <i>per pair</i>	9 0	10 6	13 9	15 9	19 0	23 0
Polished brass <i>per pair</i> }	17 0	20 0	24 0	27 0	32 6	45 0
Single action regulating—						
Jap. iron <i>each</i>	3 6	4 3	5 3	6 0	7 0	9 0
Polished brass <i>each</i> }	8 6	10 0	10 9	12 0	14 3	18 9
Double action ditto—						
Jap. iron <i>per pair</i>	10 0	11 6	14 9	16 9	20 0	24 3
Polished brass <i>per pair</i> }	17 6	22 0	25 9	29 0	35 6	47 6
Springs for ditto—						
Jap. iron <i>each</i>	6 10	8 0	9 6	10 6	12 9	15 9
Polished brass <i>each</i> }	12 9	16 3	17 0	21 0	24 9	31 9

Helical
spring
hinges.

(Supplied only.)

				Wrought.	Japanned.
				<i>s. d.</i>	<i>s. d.</i>
Cross garnet hinges, 10 in.	<i>per pair</i>			2 1	0 6
" "	12 in.	"		2 3	0 7½
" "	16 in.	"		2 9	1 0½
" "	18 in.	"		3 3	1 3
" "	22 in.	"		4 0	1 9
" "	24 in.	"		4 7	2 3

Cross
garnets.

Double action spring floor centres for swing doors, including filling with special lubricant.	Thickness of Door.		
	1½ in.	2 in.	2½ in.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Light doors	45 0	47 6	—
Medium doors	55 0	56 0	56 0
Heavy doors, with adjustable shoe }	82 0	84 6	84 6

Swing door
hinges.

Fixing extra.

IRONMONGER.

Measured Prices.

Hooks, etc.

		s.	d.
Hooks—japanned cleat, 3 in. . . .	each	0	4
„ brass „ „ „ „	„	0	9
„ and eyes, cabin—iron, 4 in. .	„	0	10
„ „ „ „ 6 in. .	„	0	11½
„ „ „ „ 8 in. .	„	1	2
„ „ „ „ 12 in. .	„	1	6
„ „ „ „ brass, stout, 4 in. „	„	2	4
„ „ „ „ 6 in. „	„	3	3
„ „ „ „ 8 in. „	„	4	4

India-rubber draught excluder, 1 in. wide per foot run	0	4
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Knobs.

Knobs—brass, plain, and rose, 1½ in. .	each	0	6
„ „ with nut and screw, 1½ in. „	„	0	9
„ „ „ „ 1½ in. „	„	1	0
„ japanned iron, medium size .	„	0	3
„ „ large „ .	„	0	4½

Latches.

Latches—Norfolk or Suffolk, medium „	„	2	6
„ „ „ large extra strong „	„	3	8
„ 3 in. brass pulpit latch „	„	8	3
„ 4 in. night latch, brass bolt and 2 keys „	„	6	6
„ night latch, Yale pattern, 2½ in., strong brass bolt and funnel, 3 keys, paracentric „	„	9	9
„ Ditto, mortice, ditto, japanned case, gunmetal bolt and lever handle and 3 keys, ditto „	„	30	0
„ 4 in. rim night ditto „	„	12	0
„ Ditto, 4 in. flush ditto „	„	35	0
„ Yale „ „ „ „ „	„	15	0

Lifts
(sash, etc.).

Lifts—sash or shutter—brass „	„	0	9
„ „ „ flush „	„	1	9

Locks and furniture—

Locks.

Locks and
furniture.

	6 in.	7 in.	8 in.	9 in.
	s. d.	s. d.	s. d.	s. d.
Stock, strong, iron bound, good quality „ . . each	5 0	5 6	5 11	7 0
Dead, iron, strong, solid brass wards „ . . each	9 6	10 6	14 6	—
Rim, iron 2 bolt, and Mace's brass furniture, complete „ . . each	7 3	11 0	14 0	—
Ditto, all brass, cast case and ditto „ . . each	19 3	—	—	—

Measured Prices.

IRONMONGER.

	s.	d.
6-in. Mortice, steel case, japanned, 2-bolt, 2-lever, and strong brass or hard wood furniture each	13	0
Extra if half rebated	3	4
Ditto, if full ditto	9	6
6-in. Mortice, superior, 4-lever, for best work from each	10	0
<i>Furniture for Locks—</i>		
Brass medium, any size for rim locks, per set	2	11½
Ditto, heavy	3	10
Ditto, mortice medium	3	5
Ditto, heavy	4	5½
Brass-reeded, cast rose	10	0
Ditto, oval, ditto	9	0
Ebony, walnut, or oak	8	0
<i>Picking Locks—</i>		
Stock locks each	1	4½
Rim or mortice	2	0
Patent locks from	7	6
Padlocks, cupboard or drawer locks.. each	1	0½
Staples—wrought-iron box, for rim or dead locks, with brass strikes ..	1	0
Striking plates—wrought iron from	0	9
“ brass	1	0
Escutcheons—japanned iron, drop .. each	0	3
“ brass, medium size	0	4½
“ “ large “	0	6¾
Knob handles, brass, with rose and spindle—		
Small size	2	0
Large	2	11½
<i>Pegs, hat and coat, double, large size—</i>		
Japanned wire each	0	5½
Cast iron	0	7
Wrot. iron	0	9
Brass from	1	3
<i>Pivots and sockets for centre hung sashes—</i>		
Cast iron per pair of 1 pivot and 1 socket	0	7½
Brass “ “ “ from	1	5
<i>Plates, finger—oak, long or short .. each</i>		
Ebony, long or short	2	0
Brass from	2	6
Bronze	3	6
China, White	4	0
“ Black	2	0
Glass	2	6
	3	0

Measured Prices.

IRONMONGER

BALL BEARING "MAJOR" FITTINGS FOR DOORS TO ALL
SLIDE ONE WAY, EITHER RIGHT OR LEFT HAND.

Door Opening ..	8 feet.	9 feet.	10 feet.	12 feet.	Fittings for Garage and Sliding Doors.
Number of Leaves	3	3	4	4	
Material required, Straight Steel Track	13 feet.	15 feet.	17 feet.	21 feet.	
Open Brackets ..	4	6	6	10	
Closed Brackets ..	2	2	2	2	
Full Trolleys ..	2	2	3	3	
Half Trolleys ..	1	1	1	1	
Full Guides ..	2	2	3	3	
Half Guides ..	1	1	1	1	
Back Flaps ..	2	2	3	3	
Curved Track ..	1	1	1	1	
Screws	56	56	80	80	
Coach Screws ..	9	11	13	13	
Straight Steel Channel (lugged)	14ft. 6in.	16ft. 6in.	18ft. 6in.	22ft. 6in.	
Curved Channel (lugged)	1	1	1	1	
Price per set, com- plete with Chan- nel and Guides :					
For leaves not exceeding 100 lbs. each (No. 1 Track) ..	£ s. d. 8 0 0	£ s. d. 9 0 0	£ s. d. 10 0 0	£ s. d. 10 10 0	
For leaves not exceeding 150 lbs. each (No. 2½ Track) ..	9 0 0	10 0 0	10 5 0	12 0 0	
For heavy work (No. 4 Track)	11 10 0	13 0 0	15 5 0	16 0 0	

PATENT GATE HINGES AND FITTINGS,
(supplied only).

1 ft. 6 in.	per pair	11/3	Patent hinges.
2 0	"	14/6	
2 6	"	19/3	
3 0	"	24/-	
3 6	"	30/-	
Caps for stone up to 36 in. ..	"	1/8	
" " " " " " ..	"	3/4	
Bolts and round drilled nuts ..	per doz.	7/6	

(Fixing, including bolts and screws to wood posts,
add 17/-; fangs, add 2/1 per pair extra.)

FURNISHINGS,

Measured Prices.

FURNISHINGS—*Supplied and Fixed.*

Baize.

Baize, red, blue, or green, fixed to doors in panels with brass-headed nails, <i>from per foot super.</i>	s. d. 1 0
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BLINDS.

Blinds.

Note —The following limitations are universally adopted in the Blind Trade, viz. :—

- (a) All small Roller Blinds which square up less than 16 feet are charged as 16 feet.
- (b) All small Venetian Blinds which square up less than 18 feet are charged as 18 feet.
- (c) All small Outside Sun Blinds which square up less than 20 feet are charged as 20 feet.
- (d) All small Dwarf Blinds which square up less than 5 feet are charged as 5 feet.
- (e) All very large Blinds are charged at a reduced rate (*circa* 10 per cent.).

INSIDE BLINDS.

Roller.

	Per sq. ft.
<i>American Spring Roller</i> , mounted with white, blue, buff or green Union Holland }	s. d. 0 9½
<i>Flange Wood Roller</i> , ditto, ditto }	0 11½
<i>English Spring Roller</i> , ditto, ditto }	1 3
Remounting the above description of Rollers	0 7½
Add to the above prices if a striped material is used instead of a Union Holland }	0 2
Ditto if an all-linen holland is used }	0 2½
<i>Venetian Blinds</i> , painted any ordinary flatted colour, with laddering }	1 6
Ditto, ditto, painted as above, with varnish in paint }	1 8
Ditto, ditto, painted as above and varnished two coats over paint }	1 9
Ditto, ditto (selected pine) clear varnished or stained and varnished }	2 0
Re-painting or re-varnishing, with new laddering and cords }	0 8

Venetian

Measured Prices.

FURNISHINGS.

OUTSIDE BLINDS.

Outside
Blinds.

	Per foot super.	
Simple Straight-down Pull Sun Blind, in an angle box painted stone colour, with a pair of arm-hooks fixed in brass sockets in order to project the blind }	s. d. 2 6	Sun blinds,
Italian Sun Blind, complete in every respect	2 9	
Florentine Sun Blind, complete in every respect }	3 0	Italian, Florentine,
Spanish Sun Blind, complete in every respect	4 0	
Outside Venetian Blind, complete in every respect }	3 0	Spanish.
Pinoleum sun blind }	1 10	
Shutter Blinds, made to hinge.. .. . }	4 6	Shutter, etc.
Ditto, to run on rails }	6 6	
Remounting Tick Sun Blinds, with new tick and cords }	1 4	

DWARF BLINDS.

(For Screening the Lower Parts of Windows.)

	Per foot super.	Dwarf blinds.
Gauze Wire Blinds, in polished mahogany frames }	s. d. 5 0	Blind laths.
Leaded Glass Blinds, in polished mahogany, oak, teak, etc., frames }	8 0	
Japanese Panel Blinds (similar but far superior to fret-work) in polished mahogany, oak, teak, &c., frames <i>from</i> }	7 0	
Dwarf Venetian Blinds (useful for consulting and similar rooms) <i>from</i> }	13 0	

	s. d.	Webbing.
Webbing, 1½ in. wide.. .. . <i>per yard run</i>	0 3	
Ditto, 2 in. wide "	0 3½	

No. 11.—PLUMBER.

Measured Prices.

NOTE.—The following prices are calculated on the basis of sheet lead at 18s. per cwt. net, delivered in London.

		£	s.	d.
Lead, and laying in flats, gutters, etc.	Milled lead in flats	1	14	0
	„ in gutters, flats, flashings, hips, or ridges .. per cwt.	1	14	0
	„ in cisterns, sinks, safes, etc. per cwt.	2	0	0
	„ soakers, cut to size	1	10	0
	„ in coverings to stone balconies, balustrades, etc., including all necessary bossings per cwt.	2	0	0
	Allowance for old lead	0	8	0
	(6 lb. per cwt. allowed for dross) „			
	Old sheet lead taken up and removed to store per cwt.	0	1	6
	Labour only and solder to laying milled lead in gutters, flats, flash- ings, hips and ridges per cwt.	0	14	0
	„ „ in soakers per cwt.	0	10	0
Labours* on sheet lead.	„ „ and nails in cisterns, safes, sinks, etc., and coverings to stonework per cwt.	0	19	0
	Labour only on stair treads .. per cwt.	0	17	6

		s.	d.
Bossings.	Bossed angles to safes each	1	0
	„ „ per inch in height	0	2
	Bossed ends to rolls each	0	8
	Mitred intersections to ditto „	1	7
Cesspools.	Double ditto, ditto „	2	9
	Cesspools in gutters, extra labour and solder only each	5	0
Wire- guards and outlet pipes.	Guards, galvanised iron wire, to outlets, 4 in. diameter (strong) each	0	9
	Ditto, copper wire ditto „	1	6
	Lead pipe, 4 in. drawn (7 lb. lead) 3 ft. long, bell-mouthed, and soldered to cess- pool each	22	0
	Add for each bend	10	0
Nailing.	Nailing (open copper) .. per foot run	0	3
	Ditto, close ditto „	0	5
	Ditto, zinc „	0	4
	Seaming sht. lead (amalgaline) ..	1	5
Solder dots, etc.	Soldered angle (1 lb. per ft.) ..	1	7
	Solder dots and brass screws each	1	7
	Wedging flashings with cast lead wedges per foot run	0	2
	Welt joint, Single per foot run	0	2
	do. Double do.	0	3

PLUMBER.

Measured Prices.

DRAWN LEAD PIPE TO METROPOLITAN WATER BOARD WEIGHTS (fixed, including bends, soldered joints, wall hooks and tacks).

Diameter.	Light.		Strong.		Bends each.	Wiped. Branch joints.	Bossed ends soldered.
	Weight per lineal yard.	Price per foot run.	Weight per lineal yard.	Price per foot run.			
in.	lb.		lb.				
$\frac{1}{4}$	3 $\frac{1}{2}$	1/1	6	1/5	—	2/3	1/2
$\frac{3}{8}$	5 $\frac{1}{4}$	2/4	9	1/11	—	2/3	1/4
1	7	1/8	12	2/6	—	2/6	1/9
1 $\frac{1}{4}$	9	1/11	16	3/-	-/4	2/9	2/-
1 $\frac{1}{2}$	10	2/6	18	4/-	1/-	3/-	2/3
2	14	3/6	24	5/3	2/9	3/2	2/9
2 $\frac{1}{2}$	18	4/10	29	6/-	4/-	3/8	3/4

Pipes,
service
waste,
etc.

LEAD SOIL, VENTILATING & RAIN-WATER PIPES FIXED.
Including cast lead tacks and galvanised nails.

Equal to lead at	Per foot run.			Wipes branch joints.	Bends each.
	6 lb.	7 lb.	8 lb.		
	s. d.	s. d.	s. d.	s. d.	s. d.
2 in. ..	3 6	—	—	3 0	2 0
2 $\frac{1}{2}$ „ ..	4 0	—	—	3 8	2 6
3 „ ..	4 8	—	—	4 3	3 0
3 $\frac{1}{2}$ „ ..	—	5 0	5 7	5 3	5 6
4 „ ..	—	5 9	6 10	5 6	6 0
5 „ ..	—	7 0	7 8	7 6	8 9
6 „ ..	—	10 0	10 7	10 0	10 6

Rain-
water
Pipes.

SOIL PIPE (fixed).

L.C.C. weight. Cast Iron soil and ventilating pipes
fixed with ears, including wrought iron nails.

	Per foot run.	Inspection pipes each.	Extra only for bends.	Extra only for ord. branches
	s. d.	s. d.	s. d.	s. d.
2 in.	2 0	16 0	4 6	6 9
2 $\frac{1}{2}$ „	2 6	16 6	5 0	7 6
3 „	2 9	17 6	5 3	8 0
3 $\frac{1}{2}$ „	3 0	19 0	6 0	9 0
4 „	3 3	20 6	6 9	10 0
5 „	5 0	24 9	14 6	21 0
6 „	6 6	29 6	18 0	29 0

Soil, L.C.C.
Pipe.

PLUMBER.

Measured Prices.

SQUARE LEAD PIPE (fixed).

Equal to 8 lbs. lead.

Lead pipe
square.

		Sockets each with astragal head.
$3\frac{1}{2} \times 3\frac{1}{2}$ in., plain,	s. d.	s. d.
<i>per foot run</i>	8 0	10 0
4 \times 5 „ plain „	10 0	12 0
6 \times 4 „ „ „	12 0	14 0

HAIR FELT CANVAS BACK.

Felt
covering
to Pipes.

	Diam. of Pipe not exceeding					
	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.	$1\frac{1}{4}$ in.	$1\frac{1}{2}$ in.	2 in.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Covering to pipes single thickness & wired ..	0 8	0 8	0 9	0 10	0 11	1 0
Removing for repairs to pipes and rebinding & wiring ..	0 4	0 4	0 4	0 6	0 6	0 6

LEAD TRAPS, P OR S, ETC., AND FIXING.

Cistern
Heads,
Lead Traps
and bends.

		Fixing including two joints.	
		Wiped.	
		s. d.	s. d.
Rainwater Heads <i>each from</i>		16 0	—
Cast ditto .. „		30 0	—
Drawn lead traps, equal to 8 lb. lead, with brass caps and screws—			
$1\frac{1}{4}$ in. <i>each</i>		3 6	9 10
$1\frac{1}{2}$ „ „		4 4	10 4
2 „ „		5 10	12 0
$2\frac{1}{2}$ „ „		7 6	14 0
3 „ „		10 0	15 0
$3\frac{1}{2}$ „ „		14 0	16 6
4 „ „		16 0	19 0
Drawn lead bends, ditto, ditto—		Short	Long
$1\frac{1}{4}$ in. <i>each</i>		2 0	3 0
2 „ „		2 9	4 0
3 „ „		4 9	6 2
$3\frac{1}{2}$ „ „		5 6	7 2
4 „ „		7 0	9 0

Measured Prices.

PLUMBER.

HYDRAULIC DRAWN LEAD TRAPS AND BENDS.

Not fixed. Including profit.	4 in. 6 lbs.	3 in. 6 lbs.	2½ in. 6 lbs.	2 in. 6 lbs.	1½ in. 5½ lbs.	1¼ in. 5 lbs.	Hydraulic drawn Traps and bends.
S trap, with brass screw cap ..	14/-	10/-	7/-	5/6	2/9	2/6	
¾ S ditto, with brass screw cap ..	14/-	10/-	7/-	5/6	2/9	2/6	
P ditto, with brass screw tap ..	11/-	7/9	5/6	4/6	2/4	2/-	
Running trap, with brass screw cap	12/3	8/2	5/8	4/7	2/9	2/4	
Short bend	6/2	4/-	2/10	2/6	1/4	1/2	
Long bend	7/9	5/6	3/7	3/3	1/10	1/4	

PLUMBERS' FITTINGS, "BRASS."

	½ in.	¾ in.	1 in.	1¼ in.	1½ in.	2 in.	2½ in.	Fittings.
Unions, plain tail for lead	1/-	2/-	3/6	4/6	6/-	8/6	20/-	Unions.
G.M. Unions, F for iron	1/6	1/10	3/-	4/9	6/-	—	—	Ferrules.
G.M. Unions, M & F for iron	1/8	2/4	3/8	5/-	6/9	—	—	Ball Valves, etc.
Boiler screws, single nut	—/9	1/-	1/9	3/2	3/8	5/3	—	
Boiler screws, double nut	1/-	1/3	2/-	3/8	4/3	6/-	—	
Cast brass Belfast sink waste	—	—	—	5/-	6/-	7/9	25/-	
Screw down main ferrule stamped M.W.B.	5 9	9/6	16/-	35/-	—	—	—	
Equilibrium ball valve screwed for iron	10/-	14 6	18/6	—	—	—	—	
Ditto, with fly nut and union	11/6	16/6	22/-	—	—	—	—	
Stamped New River ball valves screwed for iron	4/9	7/6	14/-	25/-	35/-	65/-	—	
Ditto, with fly nut and union	6 6	11/-	17/6	—	—	—	—	
Copper balls, New River pattern ..	1/6	2/-	2/6	5/6	7/6	17/6	—	

PLUMBER.

Measured Prices.

Brass
Thimbles.

	1½ in.	2 in.	3 in.	3½ in.	4 in.
Heavy brass thimble or connection for earthenware and lead pipes } each	—	—	—	—	6/-
Ditto, ditto, ditto, and iron pipes .. } each	—	2/-	3/9	4/6	5/-
Brass Sleeves for connecting lead to iron pipes .. }	—	1/9	2/9	3/6	4/3

Cocks.

	¾ in.	1 in.	1½ in.	1 in.
	s. d.	s. d.	s. d.	s. d.
Bib cock with cross top screw ferrule.. }	—	4 6	—	—
Ditto, ditto, screwed for iron .. }	—	4 0	6 6	12 6
Ditto, ditto, stamped Metropolitan Water Board .. }	5 9	6 6	9 0	15 9
Ditto, ditto, Easy Clean pattern .. }	—	7 3	9 6	—
Ditto, ditto, ditto, screwed for iron .. }	—	6 9	9 0	—
Ditto, self-closing spring for lead .. }	9 0	10 0	11 0	—
Ditto, ditto, ditto, iron..	10 2	10 8	11 10	—
Add if Nickel Plated ..	1 0	1 0	1 3	2 0
Add if Chromium Plated .. }	4 0	4 3	5 6	6 0

Measured Prices.

PLUMBER.

BATHS WITH BRASS FITTINGS COMPLETE. *Fixing extra.*

Inside sizes.			
	5 ft.	5 ft. 6 in.	6 ft.
	£ s. d.	£ s. d.	£ s. d.
Cast iron porcelain enamelled baths 3-in. roll edge, parallel sides, $\frac{3}{4}$ -in. H. & C. globe valves, $1\frac{1}{2}$ -in. trapped waste, plug and chain, and plain painted outside			
from	6 0 0	6 10 0	8 0 0
Ditto, ditto, taper sides and ditto, from	6 0 0	6 10 0	8 0 0
Ditto, ditto, $\frac{3}{4}$ -in. pillar valves, nickel plated fittings enclosed in imitation marble front panel only from	8 10 0	8 15 0	9 0 0
Nickel plated fittings add	0 5 0	—	—
Chromium " " add	0 10 0	—	—
Porcelain enamelled fittings add	0 17 6	—	—

Baths—
Cast iron.

SHOWER BATHS (*supplied only*).

	£ s. d.
Brass shower, polished and lacquered, with H. & C. valves and mixing box, 8 in. copper rose and rings for curtain	4 0 0
Ditto, ditto, nickel plated fittings	5 0 0
Ditto, ditto, 2nd quality	3 0 0

Shower
Baths.

TOWEL RAILS (*supplied only*).

	Nickel Plated.	Chromium Plated.
	£ s. d.	£ s. d.
Towel rail, 3 ft. × 3 ft., 3-rail		
1 in. tube ..	5 0 0	8 3 0
$1\frac{1}{4}$ in. „ ..	5 7 0	8 11 0
$1\frac{1}{2}$ in. „ ..	6 18 6	10 10 0
Extra for gunmetal valve ..	$\frac{3}{4}$ -in. 7/6	1 in. 10/-
Ditto, ditto, with double top rail		
1 in. tube ..	6 4 0	11 3 0
$1\frac{1}{4}$ in. „ ..	7 9 0	12 17 0
$1\frac{1}{2}$ in. „ ..	9 10 0	14 9 6
Extra for gunmetal valve ..	$\frac{3}{4}$ -in. 7/6	1 in. 10/-

Towel Rail.

PLUMBER.

Measured Prices.

LAVATORY BASINS. *Fixing extra.*

Basins.

	Size.	Price.
		£ s. d.
White earthenware angle basin, combined over-flow, $\frac{1}{2}$ in. H. & C. taps, plug waste fitting and painted iron brackets and frame complete ..	30 in. × 22 in.	5 0 0
	27 in. × 20 in.	3 15 0
	24 in. × 18 in.	3 0 0
Add for nickel plated fittings	—	0 4 0
Add for chromium ditto ..	—	0 10 0
White glazed fireclay ditto	26 in. × 19 $\frac{1}{4}$ in.	5 10 0
Heavy stoneware oblong ditto	22 in. × 16 in.	3 0 0
White porcelain enamelled	25 in. × 18 in.	4 0 0
Iron ditto, ditto	24 in. × 18 in.	3 0 0

LONDON SCULLERY SINKS IN GLAZED FIRECLAY.

Sinks.

Size.	White in and out.	White in, Buff out.	Buff in and out.
	s. d.	s. d.	s. d.
18 in. × 14 in. × 5 in.	14 0	11 6	9 6
20 in. × 15 in. × 5 in.	16 8	14 0	11 6
24 in. × 16 in. × 5 in.	20 6	17 8	14 6
27 in. × 18 in. × 5 in.	26 3	22 3	17 10
30 in. × 18 in. × 5 in.	28 8	24 6	19 10
30 in. × 20 in. × 6 in.	38 6	32 2	27 0
36 in. × 20 in. × 6 in.	45 2	39 0	32 2
42 in. × 24 in. × 6 in.	73 0	61 6	57 9

Plug and washer priced separately.

Cast iron cantilevers, 16 in., per pair, 6/-, <i>fixing extra</i>			
18 in.	„	7/-	„
20 in.	„	7/9	„

LONDON DEEP SINKS IN GLAZED FIRECLAY WITH WEIR OVERFLOW.

Size overall.	White in and out.	White in, Buff out.	Buff in and out.
	s. d.	s. d.	s. d.
24 in. × 16 in. × 8 in.	32 9	28 10	25 4
24 in. × 16 in. × 10 in.	38 6	33 4	33 6
24 in. × 18 in. × 10 in.	41 0	35 4	35 0
27 in. × 18 in. × 10 in.	48 9	42 4	39 0
30 in. × 18 in. × 10 in.	53 10	46 2	42 8
30 in. × 20 in. × 10 in.	73 8	63 6	59 4
36 in. × 18 in. × 10 in.	80 4	69 4	63 9
42 in. × 24 in. × 10 in.	128 4	97 10	101 6

Plug and washer priced separately.

Measured Prices.

PLUMBER.

ANGLE PATTERN SINK IN GLAZED FIRECLAY.

Size overall.	White in and out.		White in. Buff out.		Buff in and out.	
	s.	d.	s.	d.	s.	d.
17 in. × 12 in. × 12 in. × 5 in.	10	3	8	8	8	1
20 in. × 14½ in. × 14½ in. × 5 in.	14	4	13	2	11	1
24 in. × 17 in. × 17 in. × 5 in.	20	6	18	5	15	6
28 in. × 20 in. × 20 in. × 5 in.	27	6	25	8	22	0

URINALS. ENAMELLED FIRECLAY.

	Size.	Buff Glazed			White Glazed		
	ins.	£	s.	d.	£	s.	d.
Single stall flat back urinal, complete with fluted fireclay tread, painted cast iron automatic flushing tank on cast iron brackets, galvanised iron supply pipe and spreader, and brass domed outlet grating.. . . .	18 × 36	11	5	6	13	2	4
	21 × 36	11	16	6	13	6	3
	21 × 42	12	13	4	14	15	4
	24 × 42	13	3	3	15	10	3
Add if galvanised cistern	—	0	15	5	—	—	—
Add if fireclay cistern ..	—	0	15	5	1	3	0
Add if supply pipe in brass or copper .. .	—	0	8	3	—	—	—

Urinals.

DOUBLE STALL URINALS.

	Height	Buff Glazed			White Glazed		
	ft. in.	£	s.	d.	£	s.	d.
Fireclay urinals with circular back stalls, base and channel in one piece, low dividing columns, grooved tread plates, fireclay automatic cistern, painted brackets, solid drawn copper supply pipes, gunmetal spreaders, fireclay dome grating	3 11	26	14	4	32	0	9
	3 9	25	10	8	30	11	0
Per extra stall .. .	—	13	0	0	15	15	6
Deduct if galvanised cistern and supply pipes	—	0	12	0	0	17	9

For Slate Urinals, see SLATE MASON.

PLUMBER.

Measured Prices.

W.C. SUITES (supplied only).

W.C.'s.

	£	s.	d.
All white closet, polished mahogany seat, 2 gal. silent syphon cistern and silenc- ing tube, painted cast iron brackets, brass chain pull and china handle, and galvanised seamless steel flushing pipe with connections complete .. <i>from</i>	5	0	0
Add if polished copper flushing pipe ..	1	0	0
Earthenware closet, unpolished seat, cast iron painted cistern, and ditto <i>from</i>	3	0	0
Add if polished birch seat	0	4	0
Add if mahogany seat and nickel-plated hinges	0	8	0
Add if seat with cover.. .. .	0	7	6
Fireclay closet ditto ditto, complete <i>from</i>	3	18	6
Low down combination closet set, all white earthenware closet, S or P trap, polished mahogany seat, white earthen- ware cistern and cover, porcelain enamelled flush bend and wall brackets complete <i>from</i>	5	0	0
to	16	0	0
Valve W.C. apparatus and copper regu- lator, complete <i>each, from</i>	13	10	0
De Luxe suites and special valve closets <i>up to</i>	25	0	0

These patterns made with either S or P traps and vent
pipes if required.

All pedestal closets supplied with seats at the follow-
ing extra prices: mahogany, 8s.; white cellulose
enamel, single, 7s. 6d. to 16s. 3d.

WATER WASTE PREVENTERS.

W.W.P.'s

Brackets
for cisterns,
chains and
pull.

	Painted.	Galvanised
	£ s. d.	£ s. d.
2 gal. Burlington water waste preventer with pull chain and brackets	0 15 0	1 10 0
2 gal. Premier ditto, ditto, with silent action	1 15 0	2 10 0
2 gal. white earthenware ditto, ditto, complete	3 17 6	—
Steel flushing pipes, 1½ in. from		0 4 9
Ditto 1½ in.		0 6 6
Polished brass ditto, 1½ in.		1 5 0
Porcelain enamelled ditto, 1½ in.		1 7 6

Measured Prices.

PLUMBER.

PUMPS, HAND.

Prices, including profit. Add fixing.

	2½ in.	3 in.	3½ in.	4 in.	Pumps
Iron Colonial lift pumps, } with brass union <i>each</i> }	25/-	32/-	47/6	55/-	
Ditto on plank .. "	35/-	42/-	57/6	65/-	
Common lead pumps "	57/-	68/-	90/-	99/-	
Semi-Rotary, iron "	—	37/-	—	47/-	
Ditto, ditto, brass "	—	117/-	—	140/-	
Deep well lift and force } pumps, brass, single }	128/-	144/-	170/-	197/-	
barrel <i>each</i> }					
Iron, ditto "	87/6	94/6	110/9	123/-	

PUMPS, STEAM.

Pulso- meter pumps	Galls. per hour	Steam Pipe, size	Suc- tion Pipe, size	De- livery Pipe, size	Height of Pump	Space oc- cupied	Price		
No.		in.	in.	in.	in.	in.	£	s.	d.
1	1,000	¾	1½	1	17	10×9	16	0	0
2	2,000	¾	2	1½	23	15×13	24	0	0
4	6,000	¾	3½	2½	32	21×18	48	0	0
5	10,000	¾	4	3	37	23×21	64	0	0
7½	22,000	1¼	5	4½	52	30×27	140	0	0

SAFETY VALVES.

For Kitchen and Heating Boilers.

	½ in.	¾ in.	1 in.	Safety Valves.
	s. d.	s. d.	s. d.	
G. M. Safety Valves, spring type.. .. . <i>each</i>	4 0	5 0	6 6	
Ditto, dead weight type <i>each</i>	5 6	6 0	7 0	

ZINCWORKER.

Measured Prices.

VIEILLE MONTAGNE SHEET ZINC, LAID FLAT,
including zinc rolls, solid ends and ridge
plates, complete on approved system.

	Weight .. Zinc gauge	Price per foot super.					
		16 oz. 12	18 oz. 13	20 oz. 14	22 oz. 15	24 oz. 16	26 oz. 17
Zinc in flats, gutters, flashings, etc.	In flats, gut- ters, and verandahs }	-/7 $\frac{3}{4}$	-/8	-/8 $\frac{1}{4}$	-/8 $\frac{3}{4}$	-/9 $\frac{1}{2}$	1/-
	Add if curved	-/4 $\frac{1}{4}$	-/4 $\frac{1}{4}$	-/4 $\frac{1}{4}$	-/4 $\frac{1}{4}$	-/4 $\frac{1}{4}$	-/4 $\frac{1}{4}$
Roll cap.	Extra to aprons and step flash- ings, bead- ed on edge <i>per ft. run</i> }	-/2 $\frac{1}{2}$	-/2 $\frac{1}{2}$	-/2 $\frac{3}{4}$	-/2 $\frac{3}{4}$	-/3	-/3
	Extra labour and material to cesspools <i>each</i> }	4/-	4/-	4/6	4/6	5/3	5/9
Cesspools.							
Cisterns, sinks, etc.	Zinc and all labours in cisterns, sinks, troughs, etc. }	1/3	1/4	1/5	1/6	1/8	2/1
	Perforated zinc .. }	-/5 $\frac{1}{2}$	-/8 $\frac{3}{4}$	1/2	1/3	1/4	—
Perforated zinc.							
Stripping old.	Stripping off old zinc and remov- ing }	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$	-/1 $\frac{1}{2}$
Skylights.	Zinc skylight .. <i>per foot super.</i>						4/6

ZINCWORKER.

Measured Prices.

RAIN-WATER PIPES AND GUTTERS.

	2 in.	2½ in.	3 in.	4 in.	5 in.
19 gauge zinc pipes, fixed } complete <i>per foot run</i> }	-/9	-/10½	1/-	1/1½	—
Bends or elbows .. <i>each</i>	1/6	1/9	2/3	3/6	—
Shoes ,,	1/9	1/11	1/11	—	—
Heads ,,	3/4	3/6	3/6	—	—
Half-round eaves gutters, } including brackets and } fixing .. <i>per foot run</i> }	—	—	-/11	1/1	1/-
Angles <i>each</i>	—	—	1/9	2/3	2/7½
Outlets ,,	—	—	-/10½	1/1½	1/6
Stop ends ,,	—	—	-/9	-/10½	1/1½
Ogee or moulded eaves } gutter, and fixing as } above .. <i>per foot run</i> }	—	—	1/1½	1/3	1/6
Angles <i>each</i>	—	—	1/10½	2/3	2/9
Outlets ,,	—	—	1/1½	1/4	1/7
Stop ends ,,	—	—	-/10½	1/1	1/3
Taking down and removing old pipes and gutters, <i>per foot run</i> , 1d.					

Zinc
R.W.P.'s
and
gutters.

FLUE PIPES AND TALLBOYS.

	Sheet Iron.	Cast Iron.
	s. d.	s. d.
Stove and flue pipes, 4 in.	4 6	2 3
„ „ 6 in.	8 0	4 6
„ „ 8 in.	—	8 0
Bends 4 in.	2 0	4 0
„ „ 6 in.	3 0	8 6
„ „ 8 in.	—	15 0
Ditto, with cleaning door—		
4 in.	4 6	6 6
„ „ 6 in.	5 6	12 0
„ „ 8 in.	—	19 0

Flue pipes
and
tallboys.

COPPERSMITH.

Measured Prices.

COPPER ROOFING.

Copper
roofing.

E.W. Gauge	24	23	21
Weight per foot super.	16 oz.	19 oz.	24 oz.
Best selected copper sheet cut to sizes and fixed to rolls, etc., in flatroofs, including copper nails, rivets, etc., and all labours complete (measured net surface covered) . . . per foot super.	s. d. 1 6½	s. d. 1 10	s. d. 2 4
Add if in gutters	0 2½	0 2½	0 3
Add if circular to domes or cupolas . . . per foot super.	0 6	0 7	0 8
Extra to welted edge or seam per foot run	0 4	0 5	0 6
Taking up, redressing, and re-laying copper sheeting to roofs in repairs, labour, solder and nails (girt measure as laid) per foot super.	0 11½	1 0	1 2

Copper
Cylinders.

Capacity in Gallons	Price	Capacity in Gallons	Price
15	£ s. d. 3 13 0	30	£ s. d. 6 5 0
20	4 12 0	40	7 10 0
26	6 0 0		

COPPER PIPES FOR COLD & HOT WATER. *Fixing extra.*
Ministry of Health Specification.Copper
pipes.

Diameter in inches.	½	¾	1	1¼	1½	2	2½
S W G	18	18	17	17	17	16	16
Weight per ft. in lbs.	·32	·46	·71	·88	1·05	1·6	2·0
Price per lb.	s. d. 1 4½	s. d. 1 3¾	s. d. 1 3	s. d. 1 3	s. d. 1 3	s. d. 1 3	s. d. 1 3
Couplings, straight	1 2	1 6	2 2	3 3	4 2	6 3	11 9
„ elbows	2 5	2 10	4 8	6 1	9 6	14 0	19 0
„ Tees	3 4	4 1	6 4	9 0	13 4	18 6	26 6
„ Tees (reducing) . .		4 0	6 3	8 10	13 1	18 4	25 6

Gas, Copper and Galvanized Outer Casing.

8 galls.	85/-	} P.C.
10 „	86/6	
12 „	88/6	

COPPERSMITH.

Measured Prices.

COPPER LIGHTNING CONDUCTORS.

	s.	d.
1 in. by $\frac{1}{8}$ in. copper tape conductor including rivetted joints, <i>fixed complete per foot run</i> }	1	9*
$1\frac{1}{4}$ in. by $\frac{1}{8}$ in. by $\frac{3}{16}$ in. ditto, ditto, ditto „	2	0
Brass clips for fixing	1	0
Brass holdfasts <i>per lb.</i>	3	6
$\frac{5}{8}$ in. Copper rods with points 4 ft. high, ditto } each }	27	6
Ditto ditto 6 ft. high, ditto each	31	0

Lightning
Conductors.

* Ladderwork only. Scaffolding extra, if required.

HOLES DRILLED AND COUNTERSUNK IN COPPER, BRASS,
AND GUNMETAL.

Diameter of Hole	Depth of Hole not more than				
	$\frac{1}{8}$ in.	$\frac{1}{4}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.
$\frac{1}{8}$ in. to $\frac{1}{4}$ in. ..each	2d.	2 $\frac{3}{4}$ d.	3 $\frac{3}{4}$ d.	4 $\frac{3}{4}$ d.	5 $\frac{1}{2}$ d.
$\frac{3}{8}$ in. to 1 in. .. „	2 $\frac{3}{4}$ d.	3 $\frac{3}{4}$ d.	4 $\frac{3}{4}$ d.	6 $\frac{1}{2}$ d.	8 $\frac{1}{4}$ d.
$1\frac{1}{4}$ in. to $2\frac{1}{4}$ in. „	3 $\frac{3}{4}$ d.	5 $\frac{1}{2}$ d.	6 $\frac{1}{2}$ d.	8 $\frac{1}{4}$ d.	10 $\frac{1}{4}$ d.
HOLES DRILLED AND TAPPED					
$\frac{1}{8}$ in. to $\frac{1}{4}$ in. ..each	3 $\frac{3}{4}$ d.	5 $\frac{1}{2}$ d.	7 $\frac{1}{2}$ d.	9 $\frac{1}{4}$ d.	11d.
$\frac{3}{8}$ in. to 1 in. .. „	5 $\frac{1}{4}$ d.	7 $\frac{1}{2}$ d.	9 $\frac{1}{4}$ d.	1s.1d.	1s.5d.
$1\frac{1}{4}$ in. to $2\frac{1}{4}$ in. „	7 $\frac{1}{2}$ d.	11d.	1s.1d.	1s.5d.	1s.9d.

Holes in
Copper,
Brass, or
Gunmetal.

If in position, double above rates.

GASFITTER.**Measured Prices.**

CAST IRON MAINS. (Excavation at rates in EXCAVATOR to be measured separately.)

Cast iron mains.

Cast iron socketed pipes and fixing or laying in trenches complete including all lead, yarn, etc., but not including excavation, cutting away and making good to brickwork or masonry, etc.

SOCKET PIPES.**Socket pipes.**

Approx. weight per ft. run	2 in. 7 lb.	3 in. 11 lb.	4 in. 17 lb.	5 in. 22 lb.	6 in.* —
Pipes in 6 ft. lengths } one lead joint to each length.. <i>per foot run</i> }	1/9	—	—	—	—
Ditto, in 9 ft. lengths, } ditto, ditto <i>per ft. run</i> }	—	2/2	3/1	3/9	4/3
Add for extra lead joints } <i>each</i> }	2/6	3/-	4/-	6/-	8/-
<i>Extra only to—</i>					
Bends and elbows includ- } ing one lead joint <i>each</i> }	4/-	5/6	7/6	11/6	14/-
Branches including two } ditto <i>each</i> }	7/-	10/-	13/-	18/-	23/-
Tees, ditto, ditto	7/-	10/-	13/-	18/-	23/-
Caps, ditto <i>each</i>	3/6	4/6	6/-	7/-	9/-
Cutting cast iron pipe in } position <i>each</i> }	3/-	4/-	6/-	7/6	9/-
Cast iron surface boxes with hinged cover and } fixing <i>each</i> }	9/-				

Surface boxes.

* Pipes over 6 in. diameter 16/- per cwt.

LEAD OR COMPO. PIPES, ETC. (fixed complete).**Compo-
sition pipes,
rubber
tubing, etc.**

External diameter	$\frac{1}{2}$ in.	$\frac{3}{8}$ in.	$\frac{3}{4}$ in.	1 in.
	s. d.	s. d.	s. d.	s. d.
Compo-sition, pipes in- cluding bends, soldered joints, and hooks, <i>fixed</i> <i>complete per foot run</i> }	0 8	0 11	1 1	1 5
Internal diameter	$\frac{3}{8}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.
	s. d.	s. d.	s. d.	s. d.
Red rubber tubing } <i>per foot run</i> }	0 5	0 6	0 7 $\frac{1}{2}$	0 9
Grey ditto ditto	0 5	0 6	0 7 $\frac{1}{2}$	1 10
Flexible metallic ditto ..	0 8	1 0	—	1 1

Measured Prices.

GASFITTER.

WROUGHT-IRON BEST WELDED GAS PIPES, and connections with screwed socket joints, including red and white lead joints, holdfasts, staples, and wood plugs, and *fixing complete*.

Note.—Digging, cutting away and making good to be measured separately at rates in EXCAVATOR, etc.

Nominal Internal Diameter, inches	External Diameter, inches	1	1½	1¾	2	2½	2¾	3	3½
Tubes, 2 to 14 ft. long	1/1	1/10	1/7	1/10	2/-	2/4½	3/3	4/1
Pieces, 3 to 11½ in.	1/10	2/8	2/4	2/8	2/11	3/8	4/11	6/8
Long screws, 12 to 23½ in.	2/8	3/8	4/6	4/11	5/10	6/3	7/2	8/-
including back nut, 3 to 11½ in.	2/8	3/8	4/6	4/11	5/10	6/3	7/2	8/-
"	1/10	2/2	2/8	3/1	3/8	5/5	9/-	10/9
Springs	1/10	2/3	3/10	5/-	6/3	9/2	14/-	22/6
Tees	5/6	6/2	8/4	10/10	12/4	25/4	38/-	45/-
Crosses	1/1	1/1½	1/3	1/6	1/10	2/2	2/9	3/9
Plain sockets, nipples and back nuts	-11	1/1½	1/2½	1/10	2/2	3/8	4/6	6/4
Diminished sockets, caps, or plugs	2/3	2/9	3/2	3/8	4/7	5/9	9/-	11/8
Round elbows	1/10	2/3	2/9	4/6	5/5	—	—	—
Cutting and screwing pipe in alterations	1/10	2/3	2/9	4/6	5/5	—	—	—
Extra to bends made in pipes	-7	—	—	—	—	—	—	—
Iron main cocks	3/2	4/1	5/4	6/4	10/9	12/7	15/2	24/-
" with brass plugs	6/3	6/3	10/9	14/-	18/-	23/6	27/6	39/6
" " with brass plugs	5/4	7/1	10/9	14/4	24/-	—	—	—
Syphon boxes, 2 quarts	—	27/-	27/4	28/-	28/6	29/2	30/-	32/6
" " 4 "	—	38/4	39/-	39/6	40/2	41/3	43/6	45/6
Add to wrought-iron pipes if galvanised	-2½	-3½	-4½	-5	-6½	-7½	-8½	-9
Taking down and removing old pipes	-1½	-2	-2½	-3	-4	-5	-6	-7
Ditto, ditto, cleaning and refixing	-4½	-5½	-6½	-7½	-8½	-9	-10	-11

Wrought-iron gas pipes and connections.

FOUNDER & SMITH.

No. 12.—CAST IRON.

Measured Prices.

(Including ordinary patterns and hoisting and fixing.)

Stancheons and Columns.	Stancheons (with caps and bases), solid columns and plain castings per cwt. }	s. d. 26 6
	Columns (hollow), circular or octagonal, caps and bases per cwt. }	19 6

Balusters, newels.	Balusters and newels, plain or ornamental, per cwt. }	s. d. 33 6
	Boxes, pivot stops, etc., for gates .. per lb. Brackets (plain), steps, risers, and strings for staircases, etc., including all drilling and bolts, complete per cwt. }	0 7½ 35 6
Brackets and stair- case work.	Brackets, ornamental (under 10 lbs. each), per lb. }	0 7½
	Coal plates, 18 in. diameter, illuminated and self-locking and fixing in stone paving, each }	30 0

COAL PLATES WITH PROTECTING RINGS.				
Diameter.	12 in.	14 in.	16 in.	18 in.
	s. d.	s. d.	s. d.	s. d.
Solid Iron .. .. .each	7 6	9 0	15 0	20 0
Ventilating ,	7 6	9 0	15 0	20 0
Illuminating ,	16 6	20 0	33 0	41 6

Doors, boilers, and range work.	Doors (small, as soot doors) and frames—	s. d.
	7 in. × 6 in.	3 6
Gratings and frames.	8 in. × 6½ in.	4 0
	9 in. × 7½ in.	4 6
	10 in. × 8 in.	5 9
	Dampers and Frames—	
	6 in. × 5 in.	3 0
	8 in. × 6½ in.	3 6
	9 in. × 7½ in.	4 0
	10 in. × 8 in.	5 9
	Gratings and frames for drains, etc., per cwt.	22 0
	Ditto, ditto, hinged	25 0
	Ditto, ditto, perforated for ventilators, etc., per cwt. }	27 9
	Ditto, ditto, ditto per lb.	0 5½

Air bricks.	AIR BRICKS OR GRATINGS. School Board Pattern.			
	9 × 3 in.	9 × 6 in.	9 × 9 in.	12 × 9 in.
	s. d.	s. d.	s. d.	s. d.
Plain each	1 0	1 3	2 3	2 9
Galvanised ,	2 0	2 6	4 6	5 6

Heads and shoes.	Heads and shoes for roof trusses, including drilling per cwt. }	s. d. 28 0
	Double soot doors with key and brass latch—	
Soot doors.	9 in. × 6 in.	7 6
	9 in. × 9 in.	9 0
	12 in. × 9 in.	10 3
	14 in. × 9 in.	11 6

CAST IRON.

FOUNDER & SMITH.

Measured Prices.

BRITISH STANDARD STEEL CASEMENTS AND FRAMES.
(Supplied only.)

Standard steel casements and frames $\frac{5}{8}$ in. thick. Fanlights top hung to open out. Other casements side hung to open out. Fittings in malleable iron with gunmetal working parts. All fittings and hinges screwed on. Complete with lugs for building in or holes for screws and painted one coat of anti-corrosive paint.

Steel
Casements
and
Frames.

Width.	Height.		
	2ft. 0in.	3ft. 0 $\frac{1}{2}$ in.	4ft. 0in.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
11 in. wide, fixed	3 9	4 9	5 6
Ditto with one opening light	12 0	14 0	15 6
1 ft. 8 in. wide, fixed ..	4 6	5 6	6 6
Ditto, with one opening light	11 3	14 6	15 9
3 ft. 3 $\frac{1}{4}$ in. wide, fixed ..	8 9	10 9	13 3
Ditto, with one opening light	14 9	18 6	20 6
4 ft. 10 $\frac{3}{4}$ in. wide, fixed	12 3	15 3	18 9
Ditto, with one opening light	16 6	21 9	23 6

Standard Types for lead glazing.

	<i>s. d.</i>	<i>s. d.</i>
1 ft. 7 in. \times 1 ft. 6 $\frac{3}{4}$ in. ..	from 5 4	to 20 6
1 ft. 7 in. \times 2 ft. 2 in.	„ 7 0	to 24 6
1 ft. 7 in. \times 2 ft. 9 $\frac{1}{2}$ in.	„ 9 4	to 28 6
1 ft. 7 in. \times 3 ft. 5 in.	„ 10 6	to 31 6
1 ft. 7 in. \times 4 ft. 0 $\frac{1}{2}$ in.	„ 14 1	to 35 3

Shoes, socket for door and other frames, } including drilling and screws .. <i>per lb.</i> }	0 7
Ditto and heads for wood roof trusses, <i>per cwt.</i>	28 0

FOUNDER & SMITH.

CAST IRON.

Measured Prices.

Staircases
straight
and
circular

Staircases.

STRAIGHT IRON STEPS (including String and Rail
and Balusters on each side).

	s.	d.
2 ft. 6 in. wide <i>per foot rise</i>	50	6
3 ft. 0 in. „ „	56	0
3 ft. 6 in. „ „	63	0

CIRCULAR IRON STAIRCASES.

	s.	d.
3 ft. diameter <i>per foot rise</i>	40	0
3 ft. 6 in. „ „	43	3
4 ft. 6 in. „ „	46	6
6 ft. „ „	88	0

Tanks.

	s.	d.
Tanks of $\frac{3}{8}$ -in. cast iron flanged plates with $\frac{1}{2} \times \frac{1}{2}$ in. feathering, including stiffeners and bolting and caulking with mastic cement, and hoisting and fixing up to 60 ft. above ground <i>per cwt.</i>	27	6

EAVES GUTTERS. (Including fixing.)

Eaves
Gutters.

Fixed with wrought iron gutter bolts on brackets and screwed
to deal fascia, including white or red lead joints, complete.

	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.
Half round.	Half round gutters					
	<i>per foot run</i>					
	1/2	1/3	1/4	1/6	1/8	1/10
	<i>Extra only to—</i>					
	Angles or outlets <i>each</i>	1/4	1/6	1/9	2/-	2/2
	Stop ends „	-/8½	-/10	-/10½	1/-	1/4
	Stop end & outlet „	1/4	1/5½	1/10	2/3	2/3
	Clips „	-/11	1/1	1/4	1/5	1/8
Ogee.	Ogee gutters <i>per foot run</i>					
	—	1/8	1/10	2/0½	2/3	2/6½
	<i>Extra only to—</i>					
	Angles or outlets <i>each</i>	—	2/3	2/6	2/9	3/2
	Stop ends „	—	-/11	1/4	2/3	2/3
	Stop end and outlet <i>each</i>	—	1/8	2/3	2/3	3/2½
	Clips „	—	1/2	1/4	1/5	1/7
	Galvanised wire guards to outlets <i>each</i>					
	-/8	-/8	-/9	-/9	-/10	-/10

CAST IRON.

FOUNDER & SMITH.

Measured Prices.

RAINWATER PIPES.* (Including fixing.)

Circular socketed rainwater pipe with ears cast on, plugged to brickwork with oak plugs, fixed with galvanised wrought iron nails and blocked out where necessary, and including jointing with red lead and gaskin well caulked into joints.

Internal diameter	2 & 2½ in.	3 in.	3½ in.	4 in.	Rainwater pipes (round).
Pipes and fixing as above { per foot run }	1/3	1/6	1/8	1/10	
<i>Extra only to —</i>					
Heads each from	4/-	5/-	5/9	6/-	
Shoes	2/3	2/6	2/11	3/11	
Bends, 4½ in. projection { each }	2/5	2/7	2/11	5/-	
Swannecks, 6 in. ditto { each }	2/-	2/5	2/11	3/4	
Ditto, 9 in. ditto ..	2/4	2/9	3/4	4/3	
Ditto, 12 in. ditto ..	2/11	3/4	4/-	5/-	
Ditto, 15 in. ditto ..	3/4	3/9	4/6	6/-	

Rectangular socketed rainwater pipe fixed with loose hinged clips, cut and pinned to brickwork and jointed, etc., as for round pipes above described.

	3×2½ in.	3½×2½ in.	4×3 in.	5×½ in.	Rainwater pipes (rect- angular).
Rectangular pipes { per foot run }	s. d. 2 6	s. d. 2 9	s. d. 3 0	s. d. 3 9	
<i>Extra only to —</i>					
Elbows, shoes each	4 3	4 8	5 2	7 3	
Heads, plain ..	9 0	11 9	11 9	14 0	
Plinths.. .. .	5 0	5 9	6 3	9 0	

Ends of guttering or rainwater pipe cut to } length each }	s. d. 0 10	Gutters and R.W.P. Sundries.
Gutter brackets and fixing	1 0	
Nails for pipes.. .. . per doz.	1 6	
Bolts and nuts for gutters	1 0	

FIXING ONLY PIPES AND GUTTERS—per foot run.

Internal diameter	2 & 2½ in.	3 in.	3½ in.	4½ in.	Ditto, fixing only.
	d.	d.	d.	d.	
Pipes	4½	4½	4½	4½	
Gutters	4½	4½	4½	4½	

FOUNDER & SMITH.

STEEL.

Measured Prices.

ROLLED STEEL JOISTS, COMPOUND GIRDERS, STANCHEONS,
ETC.

Cut to lengths and including unloading, hoisting
and fixing.

Rolled steel
joists,
compound
girders and
stanchions.

	At ground level.	10 ft. above ground.	20 ft. above ground	Add for each addi- tional 10 ft. hoisted.
<i>Rolled steel joists—</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
4 × 3 in. to 12 × 6 in. .. <i>per cwt.</i>	18 0	18 6	18 9	0 3
12 × 6 in. to 16 × 6 in. .. <i>per cwt.</i>	19 0	19 6	19 9	0 3
18 × 7 in. to 20 × 7½ in. .. <i>per cwt.</i>	19 0	19 6	19 9	0 3

Lengths to 20 ft. without extra; 1s. per cwt. extra for
each 5 ft. over 36 ft.

R.S.J. with shelf angles rivetted on both sides.

Angles,
tees,
channels.
Flitch
plates.
Bolts and
nuts.

<i>Steel compound or box girders, ordinary sections per cwt.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
19 6	19 9	20 0	0 3	
<i>Ditto stanchions, ditto per cwt.</i>	20 0	20 3	20 6	0 3
<i>Angles, tees, and channels, ditto per cwt.</i>	21 9	22 4	22 8	0 3
<i>Flitch plates, to 5 cwt. each, without extras per cwt.</i>	21 3	21 8	22 1	0 3

Angle cleats, 25·0 supplied only.

Hoop-iron
rails.

Plates.

<i>Bolts, nuts, and washers—</i>	<i>£ s. d.</i>
½ × 6 in. and upwards <i>per cwt.</i>	2 11 0
¾ × 6 in. "	2 9 0
1 × 6 in. "	2 6 0
Ends of R.S.J.s notched, fitted, and double cleated to flanges and webs of similar joists, with all drilling and bolts—	
4 × 3 in. <i>each</i>	0 9 0
7 × 3½ in. "	0 13 5
9 × 3½ in. "	0 17 1
10 × 5 in. "	1 1 0
12 × 6 in. "	1 4 0
15 × 6 in. "	1 5 6
18 × 7 in. "	1 11 0
Bond hoop iron, tarred and sanded, 1 in. × 18 W.G. <i>per cwt.</i>	1 4 9
Ditto, galvanised "	1 18 0
Heavy iron rails (in foundations) "	0 18 0
Plates, 6 × ½ in. "	1 3 0
" 7 × ½ in. "	
" 8 × ½ in. "	

STEEL.

FOUNDER & SMITH.

Measured Prices.

HOLES DRILLED AND COUNTERSUNK IN IRON OR STEEL.

Diameter of Hole	Depth of Hole not more than			
	$\frac{1}{4}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.
$\frac{1}{4}$ in. to $\frac{1}{2}$ in... ..each	-/3	-/5 $\frac{1}{2}$	-/6	-/7 $\frac{1}{2}$
$\frac{3}{8}$ in. to 1 in... .. „	-/4 $\frac{1}{2}$	-/7 $\frac{1}{2}$	-/8 $\frac{1}{4}$	1/-
1 $\frac{1}{4}$ in. to 2 $\frac{1}{2}$ in. .. „	-/6 $\frac{1}{2}$	-/9	1/-	1/3

Holes in
iron or
steel.

HOLES DRILLED AND TAPPED.

$\frac{1}{4}$ in. to $\frac{1}{2}$ in... ..each	-/7	-/10	1/3	1/6
$\frac{3}{8}$ in. to 1 in... .. „	-/10	1/2	1/7	2/-
1 $\frac{1}{4}$ in. to 2 $\frac{1}{2}$ in. .. „	1/1	1/6	2/-	2/6

Holes drilled or drilled and tapped *in position*, double
the above rates.

Saddle roof trusses, two-plane, sloping surfaces { with tie bar, up to 20 ft. span .. per cwt. }	34/-
Ditto, ditto, with English bracing system, up { to 80 ft. span per cwt. }	36/-
Ditto, ditto, with French system of bracing, { up to 100 ft. span per cwt. }	38/-
Mansard roof truss, up to 40 ft. span per cwt. }	34/-
Crescent or curved truss, up to 212 ft. span { per cwt. }	38/-
Ridge and furrow system, up to 60 ft. span { per cwt. }	38/-

Roof
trusses.

FOUNDER & SMITH.

WROT. IRON & STEEL.

Measured Prices.

SKYLIGHTS AND LANTERN LIGHTS, STEEL FRAMED
(fixed complete).

Skylights
and
lanterns.

Description.	Sizes.	Price.			
		½ cast plate glass.		Extra for wired glass	
Steel lantern light with angle curb casements hung on centres, with eyes and pulleys, R.S.J. ridgewith lead flashings, steel hips and rafters, glazed with patent glazing in ½ in. cast glass, sides 2 ft. high	ft. ft.	£	s.	d.	£ s. d.
	6×10	39	0	0	2 10 0
	8×14	40	0	0	4 10 0
	10×21	87	0	0	12 2 6
Skylights as above, but without sides and fixed lights only	ft. ft.				
	6×10	22	0	0	2 0 0
	8×14	32	0	0	3 10 0
	10×21	47	5	0	9 10 0
Extra for vents each 20/-					
	Inside Dia.	½ cast plate.		Extra for wired glass.	
Standard steel dome light, spherical in section, polygonal on plan, glass bent one way only, angle steel curb, with curved steel tee bars, solid centre on ring to take exhaust vent. }		£.	s.	d.	£ s. d.
	6 ft.	48	5	0	15 16 0
	8 ft.	76	18	0	32 7 6
	10 ft.	108	10	0	34 10 0

GALVANISED CORRUGATED IRON (and fixing).

Corrugated
iron sheets

Corrugated iron work cut to sizes and fitted and fixed vertically or horizontally to wood or iron framing, etc., with wrought iron clips, bolts, nuts, etc., lapped 6 in. at joints, and riveted—all material and labour complete, *measured net surface covered*.

No allowance to be made for laps or ordinary cuttings and waste.

S.W.G.	18	20	22	24
App. weight per ft. super.	2½ lb.	2 lb.	1¾ lb.	1½ lb.
	s. d.	s. d.	s. d.	s. d.
Sheets as above described } per foot super. {	0 11	0 9	0 7	0 6
„ if bent or curved } per foot super. {	0 1	0 1	0 1	—
„ if fixed to ceilings } per foot super. {	0 1	0 1	0 1	—

WROT. IRON & STEEL.

FOUNDER & SMITH.

Measured Prices.

	s.	d.	
Galvanised iron, No. 20 S.W.G., ridge or hip capping <i>per foot super.</i> }	1	0	Ridge.
Ditto valley gutters, 20 × 9 in. .. <i>per foot run</i>	1	9	Valley.
Cutting to rake, gables, and <i>circular cutting</i> }	0	6	Cutting.
and waste <i>per foot run</i> }			Stripping.
Stripping and removing old sheeting <i>per square</i>	2	6	

	s.	d.	
Bars, chimney, bearing, etc. <i>per lb.</i>	0	3	Bars, chim-
„ sash or skylight (moulded or square), cut to lengths <i>per lb.</i> }	1	1	ney, tie,
„ tie bars, for walls, chimney stacks, iron bands, including bolts and nuts <i>per lb.</i> }	0	6	sash, etc.
Bars and rails for window guards, and fixing to stone or wood <i>per lb.</i> }	0	9	Window
Ditto, <i>circular or ramped</i>	1	0	guard.
Bolts (one end <i>screwed or lewised</i>) nuts and washers, under 2 lbs. each <i>per lb.</i> }	0	6	Bolts, lewis.
Ditto „ 4 „			
Ditto „ 8 „			
Ditto 8 lbs. and over			
Brackets for gutters, shelves, flaps, etc. „	1	0	Brackets.
Cramps and dowels	0	5½	Cramps and dowels.

Description	Size of Doors	Price	
		£ s. d.	
Machine made party wall and insurance doors, with angle iron frames and ½ in. solid steel plates. . . .	6 ft. × 2 ft. 6 in.	11 15 0	Doors, Party wall, and Insurance.
	6 ft. 6 in. × 2 ft. 6 in.	12 0 0	
	6 ft. 6 in. × 3 ft.	12 10 0	
	7 ft. × 3 ft.	12 15 0	
	6 ft. 6 in. × 2 ft. 6 in.	14 15 0	
Ditto, ditto, sliding on rollers	7 ft. × 3 ft.	15 10 0	
	7 ft. × 4 ft.	18 10 0	

FOUNDER & SMITH.

WROT. IRON & STEEL.

Measured Prices.

Armoured
or party
wall doors.*Armoured fire doors (as accepted by British Insurance Cos.).*

Description	Size of door	Price		
Armoured hinged fire doors, including steel gudgeon pins in cast-iron wall bricks, latches and catch handles each side, and all bolts, etc. for fixing fittings	6ft. 0in. × 3ft. 3in. 7ft. 0in. × 3ft. 6in. 7ft. 0in. × 4ft. 6in. 7ft. 3in. × 5ft. 6in. 7ft. 6in. × 6ft. 0in.	£	s.	d.
		7	1	6
		7	18	6
		9	12	0
		13	15	0
		14	12	0
Ditto, ditto, sliding or folding doors, including pair frictionless hangers, with pulleys, steel pins, wrought iron rail, cast iron wall bricks, malleable iron door stops, guide roller sunk, and bow handle and all necessary bolts complete	7ft. 3in. × 4ft. 6in. 7ft. 3in. × 5ft. 6in. 7ft. 3in. × 6ft. 6in.	12	3	0
		13	10	0
		17	10	0

Extra for automatic self-closing apparatus—

Sliding	Hinged	Folding, one half	Both halves
50s.	65s. 6d.	65s. 6d.	100s.

Flitches.

<i>Flitch plates</i>	<i>per cwt.</i>	s.	d.
		21	0

Gates.

<i>Gates, plain, wrought iron</i>	<i>per foot super.</i>	18	3
„ ornamental	„	36	8
„ Bostwick collapsible	„	9	0

Gratings.

<i>Grates or gratings, framed or perforated</i>			
plate	<i>per lb.</i>	0	8½
Ditto, hinged	„	0	10

Hasps and
staples.

<i>Hasps and staples (driving)</i>	„	0	7½
„ and staple on plate, with screws and hinged joint	<i>per lb.</i>	1	6

Hinges.

<i>Hinges, hook and eye, T or strap, including round-headed screw bolts, nuts and washers</i>	<i>per lb.</i>	1	6
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Hoop iron.

<i>Hoop iron, 1½ in. wide</i>	<i>per yard run</i>	0	4
„ galvanised, 1½ in. wide, including holes and galvanised nails	<i>per yard run</i>	0	7½

Holdfasts.

<i>Holdfasts, wall and pipe hooks, rings, and similar articles</i>	<i>per lb.</i>	0	6½
Ditto, galvanised	„	0	9

Dog irons.

<i>Irons, dog</i>	„	0	5½
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WROT. IRON & STEEL.

FOUNDER & SMITH.

Measured Prices.

<i>Ladders of all sizes and descriptions, framed and rivetted together, including lewis bolts complete per lb.</i>	s. d.	Ladders.			
	0 11				
<i>Pavement lights, with rough plate glass per foot super.</i>	11 0	Pavement lights.			
<i>Ditto, with semi-prismatic lights ..</i>	16 9				
Diameter in Inches ..	3	4	5	6	Pipes, stove.
<i>Pipes, sheet iron stove pipe, No. 20 G per foot run</i>	0/11	1/1	1/4½	1/7	
<i>Extra for cone caps .. each</i>	3/6	1/-	4/6	5/3	
<i>Extra for elbows</i>	3/-	3/5	4/3	5/9	
Add, if galvanised, 50 per cent.					
<i>Pipes, hot-water and steam. See HOT-WATER ENGINEER.</i>	s. d.	Pipes, hot-water, steam.			
<i>Racks, hay, with screw bolts per lb.</i>	0 11				
<i>Railings, framed complete, with standards, braces, stays, counterforts, and spiked or plain tops.. .. . per cwt.)</i>	50 0				
WROT. IRON CASEMENTS AND FRAMES.					
Square Heads.	Quality No. 1.	Quality No. 2.	Casements and frames.		
	s. d.	s. d.			
2 ft. wide and under 2½ ft. high ..	50 0	43 6			
.. .. 3½	56 9	49 0			
.. .. 4½	61 0	51 6			
.. .. 5	64 0	55 9			

FOUNDER & SMITH.

WROT. IRON & STEEL.

Measured Prices.

	S.W.G. ..	14	16	18			
Sheet iron.	Sheet iron or steel armouring to doors, shutters, etc., including seams or laps, rivets, nails, screws, etc. <i>per foot super.</i>	s. d.	s. d.	s. d.			
		1 3	1 2	1 0			
Straps and bolts.	Straps and bolts, nuts, keys, wedges, etc., for wood roof trusses <i>per cwt.</i>	s. d.					
		50 0					
Tanks and cisterns.	Tanks and cisterns— GALVANISED IRON OPEN TOP CISTERNs.						
Capacity	Size			Thick-ness of Plate	Price	Hoisting and fixing in position	
	Length	Width	Depth				
gal.	ft. in.	ft. in.	ft. in.		£ s. d.	£ s. d.	
25	2 0	1 5	1 5	16 Gauge	1 8 6	0 6 4	
100	3 2	2 3	2 3	14 „	3 14 6	0 10 0	
500	6 6	4 1	3 0	$\frac{1}{8}$ in. plate	12 15 0	2 0 0	
800	8 3	4 11	3 8	$\frac{3}{16}$ in. „	24 0 0	3 0 0	
Tongues (water bar).	Tongues (water bar), 1 in. by $\frac{1}{4}$ in., gal- vanised, and bedding in white lead <i>per foot run</i>	s. d.					
		0 4					
Wire guards.	Wire guards, straight lattice, $\frac{1}{4}$ in. to $\frac{3}{8}$ in. mesh, 14g. and fixing to windows, sky- lights, etc. <i>per foot super.</i>	0 9					
		1 1					
	Ditto, diamond lattice pattern, 1 in. to $1\frac{1}{2}$ in. mesh, 14g. and ditto .. <i>per foot super.</i>	1 1					
		1 4					
	Ditto, hexagon lattice pattern, $\frac{3}{4}$ in. to $1\frac{1}{2}$ in. mesh, and ditto <i>per foot super.</i>	1 4					
Mesh, inches ..		$\frac{3}{4}$	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
Gauge		19	18	18	17	16	14
Wire netting.	Wire netting, galvanised, including wire for binding, and staples, fixed <i>per yard super.</i>	s. d.					
		1/6	1/5	1/3	1/2	1/3	1/4

WROT. IRON & STEEL.

FOUNDER & SMITH.

Measured Prices.

GALVANISED IRON FURNACE PANS.

6 to 20 gallons	<i>per gallon</i>	1s. 0d.	
60 „ 100 „	„	1s. 3d.	
Each.	$6\frac{1}{2} \times 5\frac{1}{2}$	$8\frac{1}{2} \times 6\frac{1}{2}$	19×7
Set of furnace ironwork for coppers, including door and frame, hinges, latch, holdfasts, grate and bearing bars	<i>s. d.</i> 10 0	<i>s. d.</i> 18 9	<i>s. d.</i> 24 0

Furnace
pans and
iron work.

STABLE FITTINGS.

	£	s.	d.
Plain Stall Division, consisting of iron pillar, ramp and sill, grooved for wood <i>per set</i> }	4	3	0
Stall Division, consisting of pillar, ramp rail, middle rail, and wrought iron ventilating panel and bottom sill, with shifting piece <i>per set</i> }	6	15	0
	13	9	6
Loose Box Door, with hanging and locking posts, hinges, striking plate, and latch <i>per set</i> }	11	13	6
	19	15	0
Loose Box Divisions	4	3	0
	12	7	6
Angle Manger Fittings for loose boxes „	3	15	6
Ditto, ditto, enamelled	4	8	6
Manger Fitting, consisting of manger trough, water-pot and hay-rack combined <i>per set</i> }	4	10	0
Cast and Wrought Iron open channel $4\frac{1}{2}$ in., with removable cover <i>per foot</i> }	0	4	7
Angles <i>each</i>	0	8	10
Tees	0	14	2
Iron Drain-pots	1	2	9

Stable
fittings.

LIFTS.

Class.	Load cwts.	Rise in feet.	Size of cage.	Approx. prices.
				£ s. d.
Dinner Lift ..	$\frac{1}{2}$	10	1' 9" \times 1' 6" \times 2'	22 10 0
Service Lift ..	$\frac{3}{4}$	15	2' 3" \times 2' \times 2' 6"	27 0 0

Lifts

These prices include gear, with efficient brake, guides, ropes, cage, and balance weight and erection, but exclusive of shafts, supports for top floor, enclosures, and foundations.

For Electric Lifts see ELECTRICIAN, at page 182.

HOT-WATER ENGINEER.

Measured Prices.

Water
and
steam
pipe.Fit-
tings,
cocks,
etc.

WROUGHT-STEEL WELDED STEAM AND WATER PIPES AND CONNECTIONS.
With plain screwed joints, supplied and fixed complete, including jointing composition and pipe clips.

	Internal Diameter, inches.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1	Tubes, 2 to 14 ft.	0 7	0 8	0 11	1 1	1 5½	2 0	2 10½	2 6	3 1	4 0	5 0	6 0	7 0	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0	16 0
2	Pieces, 12 to 23½ in.	0 10½	0 10½	1 3	1 7	2 2	2 10½	2 3½	3 7	4 9	5 3	6 0	7 0	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0	16 0	17 0
3	3 to 11½ in.	0 8	0 10½	1 0	1 3½	1 8½	2 3½	2 10½	3 9	4 9	5 3	6 0	7 0	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0	16 0	17 0
4	Long screws, 12 to 23½ in.	0 9	1 0	1 3	1 7	2 2	2 10½	2 3½	3 9	4 9	5 3	6 0	7 0	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0	16 0	17 0
5	3 to 11½ in.	0 7	0 9	0 11	1 1	1 5	2 0	2 10½	3 9	4 9	5 3	6 0	7 0	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0	16 0	17 0
6	Rends with sockets	0 6	0 8	0 10	1 2	1 6	2 0	2 10½	3 9	4 9	5 3	6 0	7 0	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0	16 0	17 0
7	Springs not socketed	0 9	0 10	1 1	1 3	1 6	2 2	2 4	3 0	4 0	5 0	6 0	7 0	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0	16 0	17 0
8	Elbows, round	0 10	1 0	1 2	1 6	1 8	2 4	2 4	3 2	4 2	5 0	6 0	7 0	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0	16 0	17 0
9	Flanges	2 0	2 2	2 4	2 8	4 0	5 0	6 0	7 0	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0	16 0	17 0	18 0	19 0	20 0	21 0
10	Crosses	0 4	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 4	2 5
11	Plain Sockets	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 4	2 5	2 6
12	Reducing Sockets	0 5	0 6	0 7	0 8	0 9	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 4	2 5	2 6
13	Barr-el Nipples	0 9	0 10	1 0	1 2	1 4	1 6	1 8	2 0	2 2	2 4	2 6	2 8	3 0	3 2	3 4	3 6	3 8	4 0	4 2	4 4	4 6	4 8
14	Flanges, standard drilled, no bolts	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4
15	Caps or plugs	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4
16	Backnuts	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4	0 4
17	Straight Unions, gunmetal	1 6	1 10	2 7	3 7	4 4	5 9	7 3	8 8	10 6	12 4	14 2	16 0	17 8	19 6	21 4	23 2	25 0	26 8	28 6	30 4	32 2	34 0
18	Elbow	—	1 6	1 10	2 4	3 3	4 1	5 9	7 3	8 8	10 6	12 4	14 2	16 0	17 8	19 6	21 4	23 2	25 0	26 8	28 6	30 4	32 2
19	Holderbats, council pattern, black.	0 4	0 4	0 4	0 5	0 5½	0 6	0 6	0 7	0 7	0 8	0 8	0 9	0 9	0 10	0 10	0 11	0 11	0 12	0 12	0 13	0 13	0 14
20	Clips	0 4	0 4	0 4	0 5	0 5½	0 6	0 6	0 7	0 7	0 8	0 8	0 9	0 9	0 10	0 10	0 11	0 11	0 12	0 12	0 13	0 13	0 14
21	Taking down and removing old pipes	0 1	0 1	0 1	0 1½	0 2	0 2½	0 3	0 3½	0 4	0 4½	0 5	0 5½	0 6	0 6½	0 7	0 7½	0 8	0 8½	0 9	0 9½	1 0	1 0½
22	Reflexing only pipes and connections	0 4	0 5	0 7	0 9	1 0	1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0	2 1	2 2	2 3	2 4	2 5	2 6	2 7

Add to pipes, if galvanised, 33½ per cent.

Add to fittings, 4 to 16, if galvanised, 50 per cent.

HOT-WATER ENGINEER.

Measured Prices.

GALVANIZED STEEL RECTANGULAR HOT WATER TANKS
(Fixing extra.)

Capacity.	Size.	Gauge.	Price.	Plate.	Price.
	ft. in. ft. in. ft. in.		£ s. d.		£ s. d.
25 gallons	2 0×1 8×1 3	12	2 11 0	$\frac{1}{8}$ in.	2 16 0
30 „	2 0×2 0×1 3	12	2 16 0	$\frac{1}{8}$ „	3 2 0
40 „	2 0×2 0×1 7	12	3 1 6	$\frac{1}{8}$ „	3 8 0
50 „	2 0×2 0×2 0	$\frac{1}{8}$ in.	3 17 3	$\frac{3}{16}$ „	5 8 0
60 „	3 0×2 0×1 8	$\frac{1}{8}$ „	4 9 0	$\frac{3}{16}$ „	6 3 9
80 „	3 0×2 2×2 0	$\frac{1}{8}$ „	5 4 0	$\frac{3}{16}$ „	7 7 0
100 „	3 0×2 6×2 2	$\frac{1}{8}$ „	6 4 3	$\frac{3}{16}$ „	8 17 0

Suitable for 5 lb pressure 10 lb. pressure.
Flanges extra.

FLANGES.

	$\frac{1}{4}$ in.	1 in.	1 in.	$1\frac{1}{2}$ in.	2 in.
	s. d.	s. d.	s. d.	s. d.	s. d.
Screwed flanges for tanks }	2 6	3 1	3 6	4 3	6 0

Flanges.

GALVANIZED STEEL HOT WATER TANKS

Capacity.	Dimensions.	Thickness of Plate.	Price.	Thickness of Plate.	Price.
	Diam. Height.		£ s. d.		
25 gallons	15 in. × 39 in.	$\frac{1}{8}$ in.	3 10 3		
30 „	18 „ × 33 „	$\frac{1}{8}$ „	3 15 9		
40 „	18 „ × 42 „	$\frac{1}{8}$ „	4 5 6		£ s. d.
52 „	20 „ × 45 „	$\frac{1}{8}$ „	4 16 9	$\frac{3}{16}$ in.	6 16 0
60 „	20 „ × 51 „	$\frac{1}{8}$ „	5 4 3	$\frac{3}{16}$ „	7 7 0
80 „	24 „ × 51 „	$\frac{1}{8}$ „	7 1 0	$\frac{3}{16}$ „	9 4 6
100 „	24 „ × 64 „	$\frac{1}{8}$ „	8 12 6	$\frac{3}{16}$ „	11 0 6

Flanges extra.

GAS GEYSERS FOR BATHS.

	£ s. d.
Copper throughout, safety gas tap only, 2½ gallons per hour	5 17 0
1L.G. copper throughout, safety interlocking gas and water taps, 2½ gallons per hour ..	6 17 0
1A.V. copper throughout, with automatic valve, 2½ gallons per hour	9 0 0

Geysers.

GAS BOILERS.

10 Gallons of Hot Water at 156° in 20 minutes with cold water gives 20 Gallons at 106° for a bath ; real hot water is available in a few seconds after lighting the gas. China enamelled any colour. . . . £5 10s. 0d.

HOT-WATER ENGINEER.

Measured Prices.

(Supplied only).

2 COLUMN NEO CLASSIC RADIATORS. Width $2\frac{5}{8}$ in.

30 in. high	$1\frac{1}{2}$ sq. foot per section	$2/7\frac{1}{2}$ price per section
24 in. „	1 sq. foot „	$2/1\frac{1}{2}$ „ „
18 in. „	$\frac{3}{4}$ sq. foot „	$1/9$ „ „

3 COLUMN RADIATORS. Width $5\frac{1}{2}$ in.

36 in. high	3 sq. foot per section	6/- price per section
30 in. „	$2\frac{1}{2}$ sq. foot „	5/- „ „
24 in. „	2 sq. foot „	$4/3$ „ „
18 in. „	$1\frac{1}{2}$ sq. foot „	$3/6$ „ „

4 COLUMN NEO CLASSIC RADIATORS. Width $5\frac{1}{2}$ in.

36 in. high	$3\frac{1}{2}$ sq. foot per section	$5/2$ price per section
30 in. „	$2\frac{3}{4}$ sq. foot „	$4/5$ „ „
24 in. „	2 sq. foot „	$3/8\frac{1}{2}$ „ „
18 in. „	$1\frac{3}{8}$ sq. foot „	$2/10\frac{1}{4}$ „ „

HOSPITAL RADIATORS. Width $5\frac{3}{4}$ in.

36 in. high	3 sq. foot per section	$5/8$ price per section
30 in. „	$2\frac{1}{2}$ sq. foot „	5/- „ „
24 in. „	2 sq. foot „	$4/6\frac{1}{2}$ „ „
18 in. „	$1\frac{1}{2}$ sq. foot „	$3/5\frac{1}{2}$ „ „

WINDOW RADIATORS. Width 13 in.

13 in. high	$2\frac{1}{4}$ sq. foot per section	$6/0\frac{1}{2}$ price per section
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WALL RADIATORS.

Section.	Width.	Height.	Length.	Heating Surface.	Each.
1	$2\frac{1}{4}$ in.	24 in.	1 ft. 4 in.	$6\frac{1}{2}$ sq. ft.	$13/3$
1	3 in.	13 in.	1 ft. 9 in.	$7\frac{3}{4}$ „	$19/7$
1	2 in.	30 in.	1 ft. 4 in.	$8\frac{1}{4}$ „	$16/1$
1	2 in.	24 in.	1 ft. 4 in.	$6\frac{3}{8}$ „	$13/-$
1	2 in.	18 in.	1 ft. 4 in.	5 „	$9/9$

Angle Valves— $\frac{1}{2}$ in. $4/4$, $\frac{3}{4}$ in. $5/3$, 1 in. $7/8$ each.

VENTILATING ENGINEER.

Measured Prices.

CAST DOMESTIC BOILERS ONLY, WITH OPEN FIRES.
(Supply only.)

Gallons of Water per hour. 60° to 130°.	Price.
	£ s. d.
29	3 12 6
35	4 16 9
54	6 0 9
76	7 13 0

Boilers.

CAST DOMESTIC BOILERS ONLY, CLOSE FIRE.
(Supply only.)

Gallons of Water per hour.	Price.
	£ s. d.
62	5 14 0
76	7 13 0
108	8 17 0
130	11 14 0

CAST HEATING BOILERS ONLY, OPEN FIRE.
(Supply only.)

B.T.U.'s per hour.	Price.	Extra Sections of—
	£ s. d.	
38,400	7 16 6	112,000 B.T.U.'s £2 1 6 each

CAST HEATING BOILERS, SECTIONAL. (Supply only.)

B.T.U.'s per hour.	Coal or Coke Fuel	Oil Fuel.	Extra Sections of—
	£ s. d.	£ s. d.	each
58,000	11 10 0	10 15 0	18,000 B.T.U.'s £2 17 0
167,700	28 7 0	24 15 0	36,900 „ £4 8 0
471,950	67 6 0	58 6 0	72,980 „ £11 15 0

For Pipes, Flues, and Conduits, see SMITH.

FRESH AIR MICA INLET VALVES IN GALVANISED IRON.

For 3 in. pipe	each	s. d.
„ 4 in. „	„ „	7 0
„ 6 in. „	„ „	8 6
			16 9

Fresh Air
Inlets.

VENTILATORS.

Ventilators	.. .. .	each	s. d.
„	10 × 4 in. ..	„ „	9 0
„	11 × 7 in. ..	„ „	10 6
„	11 × 9 in. ..	„ „	15 0
Ditto, with brass plate,	11 × 7 in. ..	„ „	33 0
„ „	16 × 11 in. ..	„ „	51 0

Ventilators

No. 13.—ELECTRICIAN.

Measured Prices.

ELECTRIC LIGHTING.

Lighting
per Point.

	Per Point.
Wiring houses for electric light where current is obtainable from Public Supply Mains including all necessary C.M.A. grade cables, enamelled, screwed, welded conduits, conduit fittings, tumbler switches, main switches and fuseboard (but excluding fittings and lamps), varies according to number and distribution of lights and switches .. <i>from</i>	27/6 to 35/-
Ditto, ditto, but with enamelled, solid drawn conduits	32/- to 40/-
Ditto, ditto, but with galvanised, welded ditto	33/- to 40/-
Ditto, ditto, but with galvanised, solid drawn conduits	37/6 to 45/-
Ditto, ditto, but with lead-covered conductors	22/6 to 27/6
Ditto, ditto, grip tubing and non-association cables	15/- to 20/-

Lead-
covered;
Con-
ductors.Heating
per Point.

The prices vary according to the type of system installed, *i.e.* Plug points for ordinary or electrically heated water radiators; tubular heaters, panel heaters, etc.

No schedule rates can be given: each installation must be taken individually.

FITTINGS TO CARRY THE LAMPS.

Fittings.

Ceiling Rose, block, flex, lamp-holder, plain shade and 40 watt lamp <i>from</i>	6/6 to 7/-
More expensive fittings, according to style selected <i>each, from</i>	15/- to 20/- 50/- to 60/- and upwards.

ENGINES, DYNAMOS, ETC., exclusive of Building.

Engines,
Dynamos,
etc.

	£ s. d.
For country houses or places where the current is to be produced on the premises, the cost of fitting up the necessary plant, including engine, dynamo, battery, and switchboard and accessories, varies according to the size of battery and frequency of re-charging same, 50 volt set for 45 40 watt lamps <i>from</i>	195 0 0
100 volt ditto, 45-40 ditto <i>from</i>	275 0 0

Measured Prices.

ELECTRIC FANS.

For ventilating Hotels, Restaurants, Smoke Rooms, etc.

Built for both *Continuous* and *Alternating* Currents.

Prices and Particulars of the Alternating Current Fans,
exclusive of Fixing and Builder's Materials.

Blade dia.	R.P.M.	Cub. ft.	Watts.	100-250 Volts. Price.	250-500 Volts. Price.
in.				£ s. d.	£ s. d.
9	1400	500	40	8 19 0	10 4 6
12	1350	900	90	9 9 0	10 15 6
15	900	1350	100	11 18 0	13 10 0
18	700	1800	120	15 15 0	17 13 6
24	550	3300	190	23 14 0	25 5 0
30	470	5600	300	31 18 0	33 12 0
36	400	8000	470	40 7 6	43 17 6
42	350	11,300	670	54 0 0	54 10 0

Electric
Fans.

*When ordering, state voltage. Can be built for higher speeds if required.

WIRING, SWITCHES, FUSES, CORDS, ETC.

H.G.S. tubing, enamelled welded and cables and fixing for 1 to 3 lights .. <i>per yard run</i>	s. d. 3 6	Wire tubing.
5-amp. tumbler switch surface type for 1 to 5 lights. Brass or insulated cover <i>fixed</i>	3 3	
5-amp. surface type switch and 2-amp. 3 pin plug, including band shield plug top ..	8 0	Tumbler switch.
Porcelain ceiling rose <i>fixed</i>	1 9	Wall plugs.
Plain opal shade, according to size <i>from each</i>	9d. to 11d.	Lamps.
Ditto, white and green. Ditto	1/5 to 3/-	Shades.
Ditto, white enamelled iron. Ditto	8d. to 10d.	
Fancy glass shades, satin finish	3/7 to 5/-	
Cut glass shades, egg shaped <i>from</i>	11 8	
„ globes, 20 in.	60 0	each
„ „ 15 in.	30 6	
„ „ 12 in.	20 6	
Silk shades, 9 in.	11 3	
„ „ 8 in.	8 5	Lamp holders.
„ „ for candles	5 0	
	to 7 3	
	Supplied only.	
Lampholders—		Flexible cord.
Cord grip Bayonet cap standard	0 9	
Ditto, Edison screw 150 to 200-watt lamps	3 0	
Ditto, Goliath for 200 ditto	5 0	
Flexible cord for 1 to 3 lights C.M.A. Grade <i>per yd. supplied</i>	0 6	Fuse boards.
Ditto, ditto, non-C.M.A. Grade .. <i>from</i>	0 2	
250-volt double pole fuseboard, H.O. type, in polished teak case, with glazed fronts and band shield porcelain replacement fuse carriers <i>fixed per circuit</i>	9 0	

ELECTRICIAN.

Measured Prices.

STANDARD VACUUM.

Volts.	No. of hours' light for one unit.	Watts.	Price.
			<i>s. d.</i>
100	66·6	{ 15	2 0
—	40·0	{ 25	1 11
130	25·0	40	1 11
200	66·6	{ 15	2 0
—	40·0	{ 25	1 11
260	25·0	40	1 11

Gas
Filled.
Clear
Lamps.

Volts.	Watts	Price.
		<i>s. d.</i>
100-130	40	1 11
or	60	1 11
200-260	100	3 0
	150	5 0

Gas
Filled.
Pearl
Lamps.

Volts.	Watts.	Price.
		<i>s. d.</i>
100-130	15	2 0
or	25-40-60	1 9
200-260	75	2 6
	100	2 6

COLOURED LAMPS, GAS FILLED.

STANDARD COLOURS (SPRAYED).

White, Red, Orange, Yellow, Green, Blue, and Flame.

Gas
Filled.
Coloured
Lamps.

Voltage.	Watts.						
	40	60	100	150	200	300	500
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
100-130	2 0	2 0	3 2	5 9	8 4	11 2	13 9
200-260							

DAYLIGHT, GAS FILLED.

Gas
Filled.
Daylight
Lamps.

Voltage.	Watts.			
	60	100	150	300
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
100-130	2 5	4 0	6 9	12 9
200-260				

ELECTRICIAN.

Measured Prices.

H.V. MAIN SWITCH.

	30 amps.	60 amps.	100 amps.	Main Switch (D.P.).
	s. d.	s. d.	s. d.	
500-volt D.P. main switch and fuses, quick make and break in iron case <i>fixed complete</i>	27 6	46 6	61 6	

C.M.A. 600 MEGOHM GRADE TAPED AND BRAIDED
V.I.R. CABLES (supplied only).

Conductor.	Per 1000 yards.			Cables.
	£	s.	d.	
3/·029	11	5	9	
3/·036	13	13	0	
7/·029	16	16	0	
7/·036	22	1	0	
7/·044	29	3	0	
19/·044	60	10	0	

C.M.A. 2500 MEGOHM GRADE TAPED AND BRAIDED
V.I.R. CABLES (supplied only).

Conductor.	Per 1000 yards.		
	£	s.	d.
3/·029	12	1	6
3/·036	14	14	0
7/·029	18	2	3
7/·036	23	12	6
7/·044	31	7	0
19/·044	41	5	0

HEAVY GAUGE SCREWED CONDUIT (per 100 ft.
supplied only),

	5"	3"	1"	1½"	1¼"	Steel. Conduits.
Enamelled	15/4	20/4	32/4	50/8	76/-	Welded.
Galvanised and sheradised	29/8	35/4	53/4	77/4	109/8	
Enamelled	40/4	43/4	56/4	73/4	108/4	Solid. Drawn.
Galvanised and sheradised	56/-	59/-	81/4	100/4	143/-	

ELECTRICIAN.**Measured Prices.**

V.I.R. LEAD COVERED NON ASSOCIATION GRADE
HOUSE WIRING CABLES (supplied only).

Size.	Per 100 yards.					
	Two core.			Three core.		
	£	s.	d.	£	s.	d.
3/·029	3	5	8	5	4	8
3/·036	3	19	8	6	1	6
7/·029	4	17	6	—		
7/·036	5	17	0	—		
7/·044	6	12	3	—		
7/·052	8	7	10	—		
7/·064	10	15	0	—		
19/·044	13	4	6	—		
19/·052	17	11	10	—		

**Conduit
Fittings.**

For lighting circuits add 100 % on conduit supplied for
job. If for solid drawn 60 %.

ELECTRIC LIFTS.**Electric
Lifts.**

Class.	Load cwt.	Speed in ft. per min.	Rise in feet.	Size of cage.	Approx. prices.
Passenger lift (car switch control)	5	100	30	3'×3'×7'	£ 500
If full auto- matic control	—	—	—	—	530
Ditto	9	100	40	4'×4'×7'	520
If full auto- matic control	—	—	—	—	550
Ditto	8	200	50	4'×4'×7'	600
Ditto	12	275	60	5'×5'×7'	800
Goods lift	10	100	40	4'6"×4'×7'	450
Ditto	20	80	50	5'×4'×7'	500
Ditto	30	100	60	5'×5'×7'	620
Service lift	1	125	30	2'×2'×2'6"	—

These prices include gear, with efficient brake, guides,
ropes, cage and balance weight and erection, but exclusive
of shafts, supports for top floor foundations and enclosures.

For Hand Lifts, see FOUNDER AND SMITH, at page 173

ELECTRICIAN.

ELECTRIC BELLS.

The battery wire common to all pushes to be of a **General** distinct colour. **Notes.**

Bells, pushes and indicators not to be fixed until all plastering is quite dry.

Wires behind indicators to be clearly labelled with wood tags.

Wires run under floors to be laid under centre of boards and not at side where likely to be damaged by nails and water from washing.

Bell wires not to be run in same tube or casing with electric light wires.

Proper fixing blocks to be inserted for pushes and wires; where buried in plaster, to be run in zinc tubing.

Batteries should not be fixed near ceilings or in situations where hot air may cause evaporation.

Measured Prices.

		Wiring.	
Wiring with No. 18 S.W.G. copper tinned wire, covered with pure indiarubber and double cotton covered and paraffined, run unprotected through the floors and in light gauge tubing at push drops, including staples, etc. (one push only to each room), including wooden push, battery, and indicator		s. d. 23 0 to 27 6	
*Bells, best quality, trembling, nickel plated bell-metal gong, cast-iron frame, polished mahogany or teak base and cover, 2½ in. diam. .. each		Supplied only. 10 6	Fixing only. 2 6
Ditto, ditto, 3 in. diam. "		10 9	2 6
Ditto, ditto, 4 in. diam. "		12 9	2 6
Extra for church or sheep gongs		2 0	—
		2 0	—
		3 3	—
*Medium quality bells ordinarily used, the above prices, less 20 per cent.			
Leclanché cells, porous pot form, complete with sal-ammoniac, No. 1 size (quart.) each		2 6	—
Ditto, ditto, No. 2 size (3 pints) "		3 7	—
Wood boxes for cells, hinged lid, half front to open, in deal, painted—			
To hold 2 cells		6 3	—
,, 3		9 4	—
,, 4		10 7	—
5 watt Bell Transformer		8 9	—
Wiring to this in H.G.S. Tubing:			—
3/6 per yard run			
			Batteries.
			Boxes.

ELECTRICIAN.

Measured Prices.

	Supplied only	Fixing only
	s. d.	s. d.
<i>Porous pots</i> , No. 1 size (quart)	1 0	—
No. 2 size (3 pints)	1 5	—
<i>Zinc rods</i> , No. 1 size (quart) .. <i>each</i>	0 4	—
" 2 " (3 pints) .. "	0 6	—
<i>Glass jars</i> , No. 1 size (quart) .. "	0 8	—
" 2 " (3 pints) .. "	1 2	—
<i>Sal-ammoniac</i> <i>per lb.</i>	0 10	—
Pushes. 2½" diameter hardwood wall-type pushes, nickel silver pointed springs and ivory plungers }	—	—
Walnut, mahogany, oak	1 0	1 0
White enamelled wood	1 0	1 0
Ebony or cocus	2 6	1 0
Pear-shaped, cocus or ebony, as above, } but with 2 yards flexible cord and rosette for bedrooms <i>each</i> }	5 0	1 6
External door, long water-tight barrels, } bright brass, steel bronzed ebonite backs, platinized contacts, engraved "Press," 2½ in. diam. <i>each</i> }	4 3	1 6
Ditto, ditto, 3 in. diam.	4 6	1 6
Ditto, ditto, 4 in. diam.	6 6	1 6
Indicators. <i>Indicators</i> , best quality, pendulum type, real teak fronts and frames, zinc screws and glass frames, } 2-3 hole <i>per hole</i> }	6 0	2 0
4-16 "	5 0	1 6
18-24 "	4 9	1 3
Inscriptions 6d. extra per hole.		

No. 14.—PLASTERER.

Measured Prices.

RENDERING (Plaster).

	Straight.	Circular
	s. d.	s. d.
Render, and set <i>per yard super.</i>	1 9	2 3
Add if "Sirapite" in lieu of plaster	0 3	0 4
„ float and set with fine stuff <i>per yard super.</i>	2 3	2 6
„ and float with <i>selenitic mortar</i> and set with fine stuff <i>per yard super.</i>	2 6	2 9
Add to any of above if in reveals, or other work in narrow widths under 12 in. wide <i>per yard super.</i>	1 3	1 6
Render and set to soffit of concrete floors or roofs, including hacking to form key <i>per yard super.</i>	2 6	3 0
Extra over ordinary plastering for Keene's slightly rounded angles and two narrow returns	0 7½	0 10½
3 in. reveals ditto, ditto	0 9	1 0½
4½ in. ditto, ditto	0 10	1 3
8 in. ditto, ditto	0 10½	1 4

Rendering.

Selenitic mortar.

PUGGING. (Timbers not deducted.)

2 in. thick of coarse stuff (on sound boarding) <i>per square</i>	s. d. 11 7
3 in. ditto, ditto	17 6

Pugging.

LATH AND PLASTERING.

	Straight.	Circular.
	s. d.	s. d.
Lathing only, with sawn fir laths <i>per yard super.</i>	1 0	1 6
Ditto, with rent laths	2 0	3 0
Lathing, plaster, float, and set with fine stuff to walls or ceilings with sawn laths <i>per yard super.</i>	3 0	4 0
If lath and half <i>add</i>	0 4	—
Sloping <i>add</i>	0 1	—
Flewling <i>add</i>	0 3	—
If to work under 12 in. wide <i>add</i>	1 0	—
If with expanded metal lathing, ½ in. mesh, 24 gauge, in lieu of wood laths <i>add</i>	0 10	1 0
Lath, plaster, and float with selenitic mortar, and set with fine stuff <i>per yard super.</i>	3 6	4 0
Add if "Sirapite" in lieu of plaster <i>per yard super.</i>	0 3	0 4

Lath and plaster.

On Expanded metal lathing. With Selenitic mortar.

With "Sirapite."

PLASTERER.

Measured Prices.

CORNICES AND MOULDINGS, ETC., IN PLASTER
(including Moulds).

Cornices
and
Mouldings.

	Straight.	Circular.
Plain cornices and mouldings above)	s. d.	s. d.
6 in. girth per foot super. }	1 9	2 3
Mouldings, under 6 in. girth, per }		
inch girth per foot run }	0 2½	0 4½
Mitre to be counted as 1 ft. run of the moulding.	—	—
Stops, $\frac{2}{3}$ of a foot. Intersections of circular and straight, 1 ft. of circular work.	—	—

MARGINS AND LABOURS (Floated and Set in Putty).

Margins
and
Labours.

	Straight.	Circular.
	s. d.	s. d.
Raised margins, to form panels, 4 in. }		
wide per foot run }	1 0	1 2
For every additional inch in width add	0 4	0 5
Quirks per foot run	0 1½	0 2
Arris "	0 1½	0 2
Beads "	0 4	0 6
Groin point "	—	0 4

Quirks.
Arris.
Beads.

ENRICHMENTS.

Enrich-
ments.

	Straight.	Circular.
	s. d.	s. d.
Enriched members, cast solid, per }		
inch girth per foot run }	0 5	0 7
Enriched members, undercut, per }		
inch girth per foot run }	0 7	—
Enriched members, soffit, per inch }		
girth per foot run }	0 4	0 5½

STUCCO.

Stucco.

	Straight.	Circular.
	s. d.	s. d.
Bastard stucco, on brick		
per yard super. }	2 8½	3 2
" " on and including lath }		
per yard super. }	3 8	4 7
Trowelled stucco, on brick ..	2 11	3 8
" " on and including lath }		
per yard super. }	4 0	5 2
" " on jambs and soffits }		
per foot super. }	0 6	0 7
" " to groins	—	0 8½
" " on lath	—	1 4
4½ in. reveals per foot run	0 4½	—
9 in. "	0 6	—
Arris "	0 2½	0 4
Quirks "	0 2½	0 3
Bead "	0 4	0 6
" and double quirk ..	0 6	0 9

PLASTERER.

Measured Prices.

	Portland Cement.		Parian Cement.		Keene's Cement.		Atlas White Cement.	
	Straight.	Circular.	Straight.	Circular.	Straight.	Circular.	Straight.	Circular.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
<i>Plain face on brick per yard super.</i>	2 0	2 9	3 0	4 0	3 0	4 0	5 0	5 6
<i>Ditto, on lath</i>	3 0	3 9	4 0	5 0	4 0	5 0	6 0	7 0
<i>Ditto, on narrow widths in fascias, strings, pilasters, etc. per foot super.</i>	0 4	0 6	0 6	0 8	0 6	0 8	0 10	1 2
<i>Plain cornices and mouldings per foot super.</i>	2 6	3 6	3 0	3 9	3 0	3 9	4 0	5 0
<i>Ditto under 6 in. girth, per inch girth per foot run</i>	0 3	0 3½	0 4	0 5	0 4	0 5	0 5	0 7
<i>Plain cove to walls or ceiling 2 in. girth</i>	0 4	0 6	0 4	0 6	0 4	0 6	0 6	0 8
<i>Stops—Calculated at ⅔ of 1 foot of cornice.</i>								
<i>Mitres—Ditto, 1 foot of cornice.</i>	0 4	0 6	0 5½	0 7	0 5½	0 7	0 6	0 8
<i>4½ in. reveals and margins foot run</i>	0 7	0 9	0 7½	0 9½	0 7½	0 9½	0 11	1 2
<i>9 in. " " " "</i>	0 1½	0 2	0 1½	0 2	0 1½	0 2	0 1½	0 2
<i>Arris " " " "</i>	0 6	0 7	0 6	0 7	0 6	0 7	0 6	0 7
<i>Bead and double quirk</i>	0 3½	0 4½	0 4	0 4½	0 4	0 4½	0 5	0 6
<i>Narrow return and arris</i>	0 2	0 3	0 2	0 3	0 2	0 3	0 2	0 3
<i>Rounded angle . . .</i>	0 6	0 7	0 6	0 7	0 6	0 7	0 6	0 7
<i>Staff bead, 1½ in. girth</i>	0 4	0 5	—	—	—	—	—	—
<i>Weathering & dubbing per ft. super.</i>								
<i>Skirtings, sunk beaded or torus moulded per foot super.</i>	1 6	1 9	2 6	2 9	2 6	2 9	3 0	3 6
<i>Ditto, ¾ in. beaded or chamfered to paved floors, 6 in. high per ft. run</i>	1 0	1 3	1 3	1 6	1 3	1 6	1 6	1 9

If in rapid hardening cement, add 2½%. If in waterproof cement, add 25%.

Rendering.

Cornices and mouldings.

Arris. Bead.

Rounded angles. Weathering. Skirtings.

Paving.

PLASTERER.

Measured Prices.

STUC.

	Straight.	Circular.
Rendering in White Atlas Cement and approved sand, trowelled hard and smooth, and lined to imitate stone <i>per yard super</i>	s. d. 6 0	s. d. 7 0
Narrow widths .. <i>per foot super</i>	0 10½	1 1
Reveal 2 in. wide and rounded angle <i>per foot run</i>	0 5	0 7
Ditto, 9 in. wide, with arris and narrow return .. <i>per foot run</i>	0 10½	1 1½
Labour to arris .. " "	2 0	0 3

ROUGH CAST.

Rough
Cast.

	Straight.	Circular.
Render float and rough cast with lime mortar on brick or stone <i>per yard super.</i>	s. d. 2 3	s. d. 2 9
Ditto, ditto, on lath .. " "	3 3	3 9
Render and float and dashing with fine shingle	2 3	2 9
Render and rough cast with 1 part Portland cement and 3 parts sand, ½ in. thick	2 9	3 6
Labours on above equal Portland Cement.		

FIBROUS PLASTER CEILING SLABS

Fibrous
Plaster.

Slabs ½ in. thick with keyed face, fixed ¼ in. apart with 2 in. clout nails, joints stopped with coarse gauged stuff, and the whole surface finished with a setting coat of fine stuff <i>per yard super.</i>	s. d. 5 0
Plain face fibrous plaster slabs, ½ in. thick, made with a smooth surface and strengthened with wood. (These slabs are very light, and are fixed with the smooth face downwards and the joints canvassed and made good with plaster.) <i>per yard super.</i>	6 0
Ornamental fibrous plaster ceilings of all-over design, or moulded or ribbed. (These ceilings only require screwing to existing timbers) <i>per foot super., from</i>	2 11
Enriched friezes .. <i>per foot super., from</i>	2 5
Enriched mouldings, <i>per inch girth</i> <i>per foot run</i>	0 4
Fibrous plaster caps, columns, pilasters, etc., cast hollow to cover ironwork. Depend on design for the prices.	—

Orna-
mental.Enriched.
Mouldings.

PLASTERER.

Measured Prices.

FIREPROOF PLASTERING.

Fibrous slabs for ordinary ceilings and walls } fixed per yard super. }				s. d.
Wirework slabs.. .. . "				3 6
Pugging slabs per foot super.				4 6
Fibrous plaster slabs, dry .. per yard super.				0 5
Wire-lined plaster slabs, dry .. "				3 9
Patent combined silicate cotton and plaster } slabs (fireproof, soundproof and heatproof) } per foot super. }				4 9
				1 2
	2 in.	2½ in.	3 in.	4 in.
Fireproof partition blocks, } smooth or finished face } both sides per yard super. }	s. d.	s. d.	s. d.	s. d.
	7 0	8 0	9 0	11 0

Slabs.

Wirework
ditto.

Pugging.

Partitions.
etc.

No. 15.—GLAZIER.

Measured Prices.

SHEET GLASS (including glazing).

Sheet Glass and glazing.	Best Quality.	15 oz.	21 oz.	26 oz.	32 oz.
	<i>In new sashes, skylights, etc., in squares not exceeding 1 ft. super. per foot super.</i>	-/6	-/7	-/9	-/11
	<i>Ditto, ditto, 2 ft. super. „</i>	-/6	-/7	-/9	-/11
	<i>Add for every additional 2 ft. super. .. per foot super</i>	-/0 $\frac{3}{4}$	-/1 $\frac{1}{4}$	-/1 $\frac{1}{4}$	-/1 $\frac{1}{2}$
Cut to shapes.	<i>Add if cut to shapes „</i>	—	—	—	—
Ground.	<i>Add if ground one side „</i>	-/2 $\frac{1}{2}$	-/3	-/3	-/3 $\frac{1}{2}$
Fluted.	<i>Add if fluted sheet glass „</i>	-/2	-/2	-/2 $\frac{1}{2}$	-/2 $\frac{3}{4}$
Bending.	<i>Bending to ordinary curves per foot super.</i>	1/6	1, 9	2/-	2/6
In lead lights.	<i>Glass and glazing in lead lights in squares not exceeding 8×6 in. per ft. sup.</i>	2/-	—	—	—
Coloured.	<i>Add if coloured .. „</i>	-/9	—	—	—
Repairs.	<i>Old glazing cleaned, and putties repaired and painted per foot super.</i>	-/5	-/5	-/5	-/5

ROUGH PLATE GLASS—ROLLED (HARTLEY'S).

Plain and Fluted.

Rough Plate, Plain, Rolled, and Fluted. In new sashes.

Large fluted. Bending. Circular Cutting.

Thickness in inches.	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$
<i>Including glazing in new sashes or sky lights in squares not exceeding 15 ft. super, each per foot super</i>	-/10 $\frac{1}{4}$	1/0 $\frac{1}{4}$	1/1	1/3
<i>Ditto, ditto, 25 ft. „</i>	—	—	1/3	1/6
<i>Extra to—</i>				
<i>If large fluted „</i>	-/3 $\frac{3}{4}$	-/4 $\frac{3}{4}$	-/5 $\frac{1}{2}$	-/5 $\frac{1}{2}$
<i>Bending (to ordinary curves) per foot super.</i>	2/3	2/9	3/2	3/2
<i>Circular cutting per foot run</i>	-/2 $\frac{3}{4}$	-/3 $\frac{3}{4}$	-/3 $\frac{3}{4}$	-/4 $\frac{3}{4}$

GLAZIER.

Measured Prices.

ROUGH CAST PLATE GLASS, ETC.

Thickness in inches.	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	Cast Plate Glass.
Including glazing in squares not exceeding 15 ft. super. each per foot super.	1/0 $\frac{1}{4}$	1/1	1/3	
Chequered rolled plate and ditto, ditto, in squares not exceeding 5 ft. super. each per foot super.	1/6	-	-	Chequered rolled plate.
Circular cutting per foot run	-/2 $\frac{3}{4}$	-/2 $\frac{3}{4}$	-/2 $\frac{3}{4}$	

BEST BRITISH POLISHED PLATE-GLASS
OCT. 1933.

Glazing quality about $\frac{1}{4}$ in. thick, including stopping in in new sashes, skylights, etc., cut to sizes, in squares— Not exceeding 1 ft. super. each per foot super.	s.	d.	Polished Plate Glass.
" 2 "	1	4 $\frac{1}{2}$	
" 4 "	1	8 $\frac{1}{2}$	
" 6 "	2	10	
" 8 "	3	2	
" 12 "	3	5	
" 20 "	3	10	
" 45 "	4	4 $\frac{1}{2}$	
" 65 "	4	7 $\frac{1}{2}$	
" 90 "	5	1	
" 100 "	5	6	
" 100 "	5	8	
Add if glazed and bedded in wash leather Extra to— per foot run	0	3 $\frac{1}{2}$	
Bending per foot super.	3	6	
Grinding "	0	5	
Enamelling from "	0	10 $\frac{1}{4}$	
Embossing "	1	3	
Silvering "	0	8	
Circular cutting per foot run	0	3 $\frac{3}{4}$	
Bevelled edge, under 1 in. "	0	7 $\frac{1}{2}$	
" 1 in. and over "	0	11	
Plate glass louvres and fixing "	1	9	Plate Glass Louvres.

GLAZIER.

Measured Prices.

LEAD LIGHTS GLAZED WITH SHEET GLASS.

Lead lights, and Glazing.		s. d.	
		s.	d.
	In squares, 6 × 4 in., <i>from</i> <i>per foot super.</i>	1	6
	" 4 × 4 in.	2	0
	Saddle bars (iron) <i>per foot run</i>	0	4½
	Add for circular or Gothic heads, measured } square <i>per foot super.</i> }	1	2

PATENT WIRED PLATE GLASS.

Wired glass.		s. d.	
		s.	d.
	½ in. wired, rolled or cast glass in squares } each, and glazing in new sashes or skylights } <i>per foot super.</i> }	from	1 1
	Polished wired plate glass each, and ditto, } ditto <i>per foot super.</i> }	from	3 6
	Wired arctic. <i>from</i>	2	2

MURANESE GLASS, OR MUFFLED, RIPPLED OR
DAPPLED (white).

Muranese glass, Muffled, Rippled or Dappled.		s. d.	
		s.	d.
	White. In squares cut to sizes and glazing } in new sashes, etc. <i>per foot super.</i> }	0	10½
	Tinted. Ditto ditto "	1	1
	Circular cutting. <i>per foot run</i>	0	1

CATHEDRAL GLASS. (Rolled.)

Cathedral glass.		s. d.	
		s.	d.
	White, including glazing in new sashes, etc. } <i>per foot super.</i> }	0	11½
	Cathedral Tints, ditto, ditto "	1	3
	Ordinary pot metals, ditto, ditto "	1	9
	Circular cutting <i>per foot run</i>	0	2½

GLAZIER.

Measured Prices.

	Per Foot Super.
Patent Glazing without putty, including steel lead-covered bars, 1 ft. 9 in. centres, and $\frac{1}{4}$ in. rough plate glass, fixed complete—use of ordinary scaffolding and ladders, and builder's profit not included:—	From 2/- to 3/10

Patent
Puttyless
Glazing.

PATENT SUNRAY SHEET GLASS.

	Per Square Super.
	s. d.
Not exceeding 1 sq. ft.	1 6
2 " 	1 9
Exceeding 2 " 	2 3
Cathedral 1 " 	1 6
Exceeding 1 sq. ft.	2 0
PLATE. $\frac{5}{8}$ " thick. 1 " 	2 0
2 " 	3 6
WIRED GLASS. $\frac{3}{16}$ " —	3 0

(Fixing extra.)

GLASS SLATES. (Rough Plate.)

Thickness in Inches.	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$
Duchess 24×12 in. each	2/2	2/7	3/-	3/8	4/6
Small Duchess 22×12 in. "	2/-	2/4 $\frac{1}{2}$	2/10	3/6	4/5
Countess ..20×10 in. "	1/6	1/11	2/2	2/7	3/2
Viscountess ..18×10 in. "	1/5	1/9	1/11	2/2	2/10
Ladies ..16×8 in. "	1/1	1/3	1/5	1/9	2/-
Doubles ..13×7 in. "	-/10 $\frac{1}{2}$	1/-	1/1	1/5	1/9

Glass
Slates.

Reflectors and fixing, complete, per foot super.	from 11/-
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Reflectors.

No. 16.—PAINTER, DECORATOR, Etc.

Measured Prices.

Painting on
wood, iron,
plaster,
stucco, etc.

PAINTING ON WOOD, IRON, PLASTER, STUCCO, ETC.

Including knotting, stopping, and priming, cleaning, scraping, or rubbing down and preparing new or old work.

	Common Colours.	1 Oil.	2 Oils.	3 Oils.	4 Oils.	Flat- ting.
Plain work.	Plain surfaces, <i>per yard super.</i>	1/-	1/6	2/-	2/6	-/4½
	Add, for each additional coat	-/6	—	—	—	—
Party colours.	Ditto, if in party colours, <i>per yard super.</i>	-/3	-/3	-/3	-/3	-/3
	Cornices, mouldings, and entablatures (plain), <i>per yard super.</i>	1/3	1/10	2/3.	2/9	-/8½
Cornices and mouldings.	Ditto, under 12 in. girth, <i>per foot super.</i>	-/2½	-/3½	-/4½	-/5½	-/1½
	Ditto, enriched or carved, <i>per foot super.</i>	-/5½	-/6½	-/7½	-/8½	-/1½
Skylights, etc.	Framing and bars to skylights, green- houses, etc., measured over face, <i>per yard super.</i>	1/-	1/4	1/8½	2/2	—
	Add to plain painting prices if finished in superior colours—					
Superior colours.	Grey or salmon, <i>per yard super.</i>	-/2¾	—	—	—	—
	Green	-/3½	—	—	—	—
	Indian red	-/8½	—	—	—	—
	Blue verditer or yel- low <i>per yard super.</i>	1/1	—	—	—	—
	Imitation granite, <i>per yard super.</i>	1/1	—	—	—	—
	Vermilion or lake, <i>per yard super.</i>	1/7	—	—	—	—
Enamel.	Extra to finishing in enamel	1/-	1/6	—	—	—
	Edges of dados, borders, etc, cut in <i>per ft. run</i>	-/1½	-/1½	-/2½	-/2½	—
Edges and borders.	Edges to shelves, staff bead, angles, etc., <i>per foot run</i>	-/1½	-/1½	-/2½	-/2½	—
	Eaves, gutters, in and out .. <i>per foot run</i>	-/3½	-/4½	-/6½	-/8½	—
Gutters and R.W.P.	Rainwater pipes	-/2½	-/4	-/5½	-/7	—
	Rainwater heads, extra only .. .. .each	-/9	1/3	1/9	2/3	—
Iron, rail and bar.	Ditto shoes, ditto	-/4½	-/5½	-/6½	-/8½	—
	Iron rail and bar, hand- rail, balusters, etc., <i>per foot run</i>	-/1	-/1½	-/2	-/2½	—
Pipes.	Ditto gas, water, and steam pipe, not over 4 in. girth, <i>per foot run</i>	-/2½	-/3½	-/5½	-/6½	—

PAINTER, DECORATOR, Etc.

Measured Prices.

Common Colours.	1 Oil.	2 Oils	3 Oils.	4 Oils.	Flat- ting.	
Frosting glass to imitate ground glass, } per yard super. }	-/10	1/2½	—	—	—	Frosting on glass.
Stippling per yard sup.	-/4	—	—	—	—	Stippling.
Painting on flock paper, Anaglypta, Lincrusta, etc. } per yard super. }	1/2	1/9	2/6	3/4	—	Painting, Anaglypta, etc.
Sash frames each	1/6	2/6	3/6	4/6	—	Sash frames.
Ditto, large "	2/-	3/3	4/6	6/-	—	Sash squares.
Ditto, squares per doz.	2/-	3/-	4/-	5/-	—	
Ditto, large "	3/-	4/-	5/-	6/-	—	
Iron casements and frames, including edges each }	2/-	3/3	4/6	6/-	—	Iron sashes.
Ditto sash squares, per doz. }	1/6	2/3	3/-	3/9	—	Finger plates
Finger plates, cut in, each	-/5½	-/10	—	—	—	Gas pendants.
Gas pendants, 1 and 2 lights each }	-/10	1/0½	1/7	—	—	
Ditto, 3 and 4 lights ..	1/-	1/2½	1/10	—	—	Bolts and sundries.
Bolts, buttons, case- ments, stays, sash fas- teners, hinges, hooks, knobs, knockers, latches, hat and coat hooks, etc., and similar articles per doz. }	1/-	1/6	2/-	—	—	
Locks and staples .. each	-/3½	-/6	—	—	—	
Pots, chimney "	1/1½	1/6	2/-	—	—	
Stoves, black, and polish bright parts each }	2/6	3/6	—	—	—	
Ranges, ditto each	5/-	7/6	—	—	—	
Ventilators and air bricks each }	-/2	-/3	-/4	—	—	
Burning off old paint, per yard super. }	1/6	—	—	—	—	Burning off.
Extra on any of above prices to enamel .. }	30 per cent.					
Pickling off old paint with solution }	1/6					

GRAINING—OAK, MAHOGANY, WALNUT, ETC.

	s.	d.	
Oak, combed and shadowed per yard super.	3	0	Graining—
Mahogany or maple "	3	10	Oak,
Satin wood "	4	4	Mahogany,
Rosewood "	5	0	etc.
Walnut "	5	10	
Cleaning and touching up old graining per yard super. }	1	0	

PAINTER, DECORATOR, Etc.

Measured Prices.

IMITATION MARBLES.

Marbling.

	s.	d.
Veined marble <i>per foot super.</i>	0	4
Black and gold, dove, or Bardilla	0	8
Devonshire or Sienna	0	10
Oriental or verd antique	1	1½

VARNISHING.

Varnish-
ing.

	s.	d.
Once, with best copal .. <i>per yard super.</i>	1	0
Twice	1	8
Three times	2	5
Cleaning and sizing old work	0	6
Spirit varnish, each coat	0	10

Sizing.

STAINING AND OILING.

Staining
and Oiling.

Including all necessary cleaning and rubbing down.	Sizing.	Staining.	Oiling (Boiled Linseed-Oil).	
			1 Coat.	2 Coats.
Plain surfaces <i>per yd. sup.</i>	-/3	-/6	-/5	-/7
Skirtings, etc. <i>per ft. sup.</i>	-/0¾	-/1	-/2	-/3½
Chair rail .. <i>per ft. run</i>	-/0¾	-/1	-/1½	-/2½
Handrail				
Balusters & newels				
Sash frames <i>each</i>	-/4	-/8	-/6	-/9
„ squares <i>per doz.</i>	1/-	2/-	1/-	2/-

WAX POLISHING. FRENCH POLISHING.

Wax
polishing
and French
polishing.

	s.	d.
<i>Wax polishing</i> <i>per foot super.</i>	0	4½
„ „ to columns	0	6
„ „ to moulded work	0	6
„ „ to floors	0	3½
<i>French polishing</i>	1	3
„ „ to handrails, chair rails, etc. } <i>per foot run</i>	1	0

PAINTER, DECORATOR, Etc.

Measured Prices.

WRITING.

	Plain.		Shaded.	
	s.	d.	s.	d.
Plain letters .. <i>per inch in height</i>	0	1½	0	2½
Sunk " " " "	0	2½	0	3
Gold " " " "	0	4½	0	5½
" large letters " "	0	6½	0	7½

Writing.

GILDING.

		s.	d.
<i>Gilding in oil gold, single, plain work</i>	<i>per ft. sup. }</i>	6	0
" " " double " "		8	6
" " " burnished " "		10	0
" " ¼-in. Moulding " "	<i>per ft. run</i>	0	5
" " ¾-in. " " "		0	6
" " 1-in. " " "		0	7
Bronze mouldings, 2 in. girth		0	4

Gilding.

TARRING.

	1 Coat.	2 Coats.
	s. d.	s. d.
Coal-tar (used hot) <i>per yard super.</i>	0 4	0 6
Stockholm tar " "	0 7	1 0
Tarring on new roofing-felt and sanding <i>per yard super. }</i>	0 4	0 6
Ditto, on old ditto, ditto " "	0 7	0 9

Tarring.

CLEANING PAINTWORK.

		s.	d.
Plain paint <i>per yard super.</i>		0	3½
Skylights, inside "		0	2½
" outside "		0	4½
Rail and bar, chair rail, handrail, sash bars, etc. etc. <i>per foot run</i>		0	1½
Sash frames <i>each</i>		0	6½
" squares (woodwork only) .. <i>per doz.</i>		0	10½
" " (glass only) "		0	10½
Frosting from sash squares "		2	0

Cleaning
Paint, etc.

PAINTER, DECORATOR, Etc.

Measured Prices.

LIMEWHITE, WHITEWASH, AND REPAIRS.

Limewhite,
Wash, stop
claircolle,
etc.

PLAIN SURFACES.		s.	d.
<i>Limewhite</i> , once per yard super.		0	3
Ditto, twice.. .. .		0	5
<i>Washing and stopping</i>		0	4
Ditto, for paperhanger		0	4
<i>Whitening</i> , to new work, once		0	4
Ditto, ditto, twice		0	7½
Ditto, old work, once.. .. .		0	6
Ditto, ditto, twice		0	9
<i>Wash, stop, claircolle, and twice white</i> to old work.. .. . per yard super }		1	1
CORNICES AND MOULDINGS.			
Washing and stopping plain cornices, under 12 in. girth per foot run }		0	1½
Ditto, ditto, 12 in. to 18 in. girth		0	2½
Ditto, ditto, for every enrichment not exceeding 3 in. girth add, per foot run }		0	2
Ditto, ditto, 3 in. to 6 in. girth		0	3
Wash, stop, colour cornices, under 6 in. girth, per foot run }		0	2½
Ditto, 6 in. to 12 in. girth.. .. .		0	3
Ditto, 12 in to 18 in.		0	4
Wash, stop, colour, for every enrichment not exceeding 3 in. girth add, per foot run }		0	2
Ditto, 3 in. to 6 in. girth		0	5

SANITARY DISTEMPER OR WATER PAINTS.

Sanitary
Distemper.

Colouring, including stopping.	Ceilings and Flat Surfaces.	Plain Mouldings, Cornices, etc.	Enriched Mouldings, Cornices, etc.
<i>Common colours—</i>	s. d.	s. d.	s. d.
One coat, per yard super.	0 7	0 9	1 6
Two coats.. .. .	0 10	1 0	2 0
<i>Superior colours—</i>			
One coat, per yard super.	0 9	1 0	2 0
Two coats.. .. .	1 0	1 3	3 3

If waterproofed with Amoa wax, add ½d. per yard.

No. 17.—PAPERHANGER.

Measured Prices.

Note.—Piece covers = 50 feet super. = 6 yards super.
nearly.

	s.	d.	
Pumicing, sizing and preparing walls <i>per piece</i> }	1	0	Preparing.
Stripping old paper off walls (any number of thicknesses) <i>per piece</i> }	1	8	Stripping.
Ditto, ditto, if varnished "	2	4	
Add if canvassed "	0	6	
Stripping paper off ceilings "	1	9	
Hanging common papers "	1	9	Hanging.
" " to ceilings "	1	10	
Sizing and varnishing paper, <i>once</i> "	7	0	Sizing and
" " <i>twice</i> "	10	0	Varnishing.
Waterproofing with Amoa Wax "	3	0	

PAPERS, ETC. AND HANGING.

	Price.	Hanging.	
Lining paper <i>from per piece</i>	-/6	1/8	Papers.
Ditto, damp proof "	1/6	1/8	
Ditto, solid brown paper "	-/9	1/8	Lining.
Canvas, stout, including sewing, straining, tacking and sizing <i>from per piece</i> }	3/9	3/3	Canvas.
Machines, Pulp, of stamped value	1/-		Paper-
Ditto, Grounds, ditto	to	1/9	hangings.
Ditto, Satins, ditto	5/-		
Ditto, Golds, ditto			
Block, Damasks—			
Grounds, of stamped value	3/6		
Satin "	to	2/3	
Mica "	15/-		
Block Chintzes "			
Raised Flocks (for painting over) <i>from per piece</i> }	9/-	4/6	
Embossed Leather Papers "	11/-	6/-	
Patent embossed flocks "	3 1/6	6/-	
Lacquered Leather Papers "	60/-	7/6	
Japanese ditto <i>from per sq yard</i> }	1/6 to 8/-	<i>from</i> 1 6	
Hanging borders or friezes 6 in. deep, <i>per doz. yds.</i> 1/6.			
" " 12 " & over "		2/6.	

PAPERHANGER.

Measured Prices.

ANAGLYPTA, LINCRUSTA-WALTON, AND COMEIOD
DECORATIONS.Anaglypta,
Lincrusta,

	Price.	Hang- ing.
For fillings, dadoes and ceilings, in low relief.. .. . <i>per piece, from</i>	5/-	6/-
Ditto, in high relief <i>foot super.</i>	-/8	6/-
Hanging ditto with glue paste, including soaking <i>add per piece</i>	—	1/-
Friezes, from 5½ in. to 18½ in. wide <i>per yard run</i>	2/6	-/9
Borders "	-/7	-/4

VELLUM AND MODELLED CANVAS.

Vellum and
Modelled
Canvas.

Per Yard Run	Same Designs in Either.	
	Vellum.	Modelled Canvas.
	s. d.	s. d.
In low relief, 2 ft. wide, plain ..	2 9	4 10
In painted ornament with ground ..	9 0	12 0
In gilding with ground	14 0	17 6

Day Work.

DAY WORK CHARGES. MEN'S TIME PER HOUR.

	Mechanic.
Excavator, Navy and Labourers	1/6
Ganger	1/8
Bricklayer	2/1
Fire Bricklayer	2/2
Scaffolder	1/7
Mason	2/1
Fixer	2/2
Carver <i>from</i>	3/-
Polisher	2/1
Marble Mason	2/1
Pavior	2/1
Slater	2/1
Slate Mason	2/1
Tiler	2/1
Carpenter	2/1
Foreman	2/6
Thatcher	1/6
Joiner	2/1
Fitter	2/-
Machinist	3/-
Plumber	2/1
Gasfitter	2/-
Smith	2/-
Hot-water Engineer	2/-
Plasterer	2/4
Modeller <i>from</i>	2/7
Glazier	2/-
Painter	1/10
French Polisher	1/11
Gilder	2/-
Paperhanger <i>from</i>	2/-

Day Work.

*Day Work.***EXCAVATOR &
DRAINLAYER.****DAY WORK PRICES. (Profit included.)**

Timber.

	Per	Price
		s. d.
Carter, van and horse	Hour	3 0
Single loads of rubbish filled into cart and carted to place of deposit (or shoot) per mile	Load	3 6
Timber (fir) <i>use and waste in</i> shoring excavations, etc.	Foot cube	4 6
Ditto, planking and strutting ..	Foot super.	0 6

Stoneware socketed drain pipes (Best), including delivery and profit:—

Stone-
ware
Drain
pipes,
etc.

Bore.	2 in. and 3 in.	4 in.	6 in.	9 in.
Pipes <i>per foot run</i>	-/10	1/-	1/6	2/6
Bends or elbows <i>each</i>	2/3	2/7½	3/11	7/1
Single junctions and taper pipes <i>each</i> }	2/11	3/6	5/3	9/5
Double junctions "	—	5/3	7/10	—
Inspection bends "	—	5/3	8/3	14/9
Siphons "	—	10/6	16/-	27/-
Interceptors "	—	19/-	24/6	40/-
Short lengths of pipe "	-/11	1/1	1/9	3/-

Add if Tested pipes plus 35 %.

" British Standard 15 %.

" British Standard Tested 50 %.

Day Works.

BRICKLAYER.

DAY WORK PRICES. (Including profit.)

	Per	Price.	
<i>Bricks—</i>		<i>s. d.</i>	<i>Bricks—</i>
Rough stocks	100	9 0	Flettons.
Flettons	"	8 9	
Grey stocks, sound hard	"	12 6	Stocks.
Picked stocks	"	14 0	
Purple or mottled stocks picked } for facings	"	16 8	
Red wire cuts	"	12 6	Red.
Best Fareham red or T. L. B. ..	"	20 0	
Best red pressed Ruabon facings	"	25 0	Red facing.
Best blue pressed Staffordshire ..	"	24 0	Blue facing.
Ditto, bull-nose	"	25 0	
Ditto, plinths	"	27 0	
Ditto, 9 in. half round coping ..	"	31 0	
White gaults, Arlesey	"	11 6	Gault.
Ditto, Aylesford	"	12 1	
Ditto, bull-nose	"	15 0	
Cutters, best { Yellow malms	"		
{ Red	"	42 0	Cutters.
{ White	"		
Paving { Hand made, 2 in. thick	"	12 5	
{ Blue Staffs., 9 in. \times 4 $\frac{1}{2}$ in. \times 2 in.	"	22 2	
{ Ditto, bevelled to lay flat	"		Paving.
{ or on edge, size 9 in. \times 4 $\frac{1}{2}$ in. \times 3 in. ..	"	25 0	
{ Dutch clinkers	"	12 9	
{ Adamantine clinkers	"	14 9	
Fire- { Welsh.. .. .	"	27 3	Firebrick.
bricks { Stourbridge	"	30 3	
Fireclay	bushel	4 6	Fireclay.

Day Works.

BRICKLAYER.GLAZED AND ENAMELLED BRICKS, ETC., *per 1000.****Glazed Bricks.**

Stock Size— 9 by 4½ by 2½ in.	* Best Salt Glazed Ivory White, and White.	Best Creams and Buffs.	Best Chocolate, Browns, Blacks, Greys, and all Tints of Greens or Blues.
	£ s. d.	£ s. d.	£ s. d.
Glazed on—			
one side ..	25 4 6	28 0 0	31 16 0
one end ..	24 14 6	27 0 0	31 4 0
one side and end	33 0 0	35 8 0	39 12 0
bull-noses ..			
4½ in. or flat }			
two sides ..	35 8 0	37 10 0	42 0 0
two ends ..	31 15 0	34 4 0	38 8 0
one side and two ends ..	37 15 0	39 0 0	43 4 0
Chamfers, }			
Squints, }			
Cants and }	33 12 0	36 0 0	40 4 0
Octagon .. }			
two sides and one end .. }	37 16 0	40 4 0	44 8 0
Moulded }			
plinth angles }	0 2 2½	0 2 6	0 3 0
(external and internal) each }			
Plain moulded }			
headers or }	0 1 5½	0 1 9	0 2 0
stretchers }			
each }			
Double bull- }			
nose, bull- }	0 1 0	0 1 9	0 2 0
nose stops & }			
mitres, round }			
ends .. each }			

* 2nd Quality glazed bricks, £1 per 1000 less than above prices,

Day Works.

BRICKLAYER.

		Per Yard cube.	Price Per Hod.	
		s. d.	s. d.	
Mortar	Greystone lime, white..	32 6	1 3	Mortar.
	Lime and hair	30 0	1 10	
	Selenitic	43 9	1 8	
	Stopping, putty, fine stuff	56 6	2 3	
	Portland cement and sand (1 to 3)	60 0	2 1½	
Pots, chimney terra cotta or stoneware, round or square. " Edwardian "	2 ft. high ..	Each	5 6	Pots (chimney).
	2 ft. 6 in. " ..	"	9 6	
	3 ft. " ..	"	15 9	
	4 ft. " ..	"	21 0	
	5 ft. " ..	"	27 0	
	Add if louvred ..	"	7 0	
		"	31 0	
		Cubic yard.	Per Bushel.	
		s. d.	s. d.	
Sand, Thames and pit		15 3	1 0	Sand.
" " washed		17 1	1 2	
" Foundry (for black mortar)		11 0	0 9	
		Per	Price.	
		Each	s. d.	
Tiles.	9 × 9 × 1½ in. ..	Each	1 3	Tiles.
	9 × 9 × 2 in. ..	"	1 6	
	8 × 9 × 1½ in. ..	"	1 3	
	8 × 9 × 2 in. ...	"	1 7	
	12 × 9 × 1½ in. ..	"	1 7	
	12 × 9 × 2 in. ...	"	1 10	
	12 × 9 × 2½ in. ..	"	2 6	
	12 × 12 × 1½ in. ..	"	1 11	
Fire (Stour- bridge).	12 × 12 × 2 in. ..	"	2 6	Fire.
	12 × 12 × 2½ in. ..	"	3 4½	
	Plain red, square, 6 in.	100	20 0	
	Hard and well burnt, 9 in.	"	32 0	
	Vitrified blue, 12 × 6 × 2 in. ..	"	36 10	
Paving	Ditto, 10 × 5 × 1½ in. ..	"	18 7	Paving.
	Hearth tiles plain colours.	Yard	20 0	
Hearth tiles plain colours.	3 × 1 in.	Each	0 3	Hearth.
	3 × 3 in. .. .	"	0 4½	
	6 × 3 in.	"	0 4½	
White glazed for walls.	6 × 3 in.	Each	0 3	Glazed.
	6 × 6 in.	"	0 4½	
Wall ties for hollow walls, gal- vanized iron, 9 in. long for 2½ in. cavity	9 × 3 in.	"	0 2	Wall ties.
	Ditto 12 in. long for 4½ in. cavity	"	0 4	

*Day Works.***MASON.** DAY WORK PRICES. (Including profit.)

					s.	d.
Materials.	Grit stone	..	..	..	per cwt.	9 6
	Lead for running	..	..	..	per lb.	0 4
	Putty powder	..	..	..	„	4 4
	Sand, for rubbing or sawing	..	..	..	„	0 4
	Shellac	..	..	..	„	2 0
	Silver or marble sand	..	..	..	per bush.	1 10
	Stone dust	..	..	..	„	2 6
	Sulphur	..	..	..	per lb.	0 4
	Tools sharpened	..	..	..	per doz.	9 0
<i>Stone in Block, exclusive of Sawing.</i>						
<i>Per foot cube.</i>						
Stone.	Ancaster	..	5	3		
	Bath	..	4	7		
	Beer	..	5	3		
	Chilmark	..	6	1		
	Darley Dale		6	1		
	Mansfield Red		6	7		
	Hopton	} 30	0			
	Wood					
	Weldon	..	6	0		
	Portland	..	6	1		
	Yorkshire	..	7	8		
	Granite—					
	Aberdeen	..	11	9		
	Cornish or	} 8	11	½		
	Guernsey					

Day Works.

DAY WORK PRICES. (Including profit.)

PAVIOR.

Day Work
Prices.

	s.	d.
Flints, unbroken per yard cube	14	0
Ditto, broken to pass $1\frac{1}{2}$ in. } ring }	17	6
Ditto, ditto, 2 in. ring "	16	9
Granite setts, Aberdeen, 5 in. .. per ton	62	6
" Guernsey, 6 \times 3 in. .. "	70	6
" Mount Sorrel, 4 \times 4 in. .. "	69	6
Broken granite, Aberdeen or Guernsey, to } pass $1\frac{1}{2}$ in. mesh per ton }	33	0
Ditto, 2 in. " "	31	6
Ditto, Mount Sorrel, ditto "	31	6
Gravel, red pit per yard cube	17	6
Pebbles per ton	22	0
Purbeck squares "	57	9
Shingle per yard cube	15	8
Stone, Kentish rag, broken } to pass $1\frac{1}{2}$ in. ring }	23	0
Ditto, 2 in. ring "	22	6

Day Works.

SLATER & SLATE MASON.

DAY WORK PRICES. (Including profit.)

Materials.				Slates, Welsh.				s. d.	
Cement, oil				per lb.				0 6	
" red lead				"				0 7	
Clips, strong { copper				each				1 0	
" { lead				"				0 6	
" zinc				"				0 4	
Hip-hooks, galvanised iron..				"				2 9	
Nails { zinc				per lb.				0 8½	
" { composition				"				1 3	
" copper, wrought				"				1 6	
Size.				Weight per 1000.				No. of Slates required to cover one sq. of 100 feet sup.	
				Best.				Seconds.	
Inches.				Cwts.				2½" lap.	
16 X 8				18				267	
18 X 10				27				186	
20 X 10				29				164	
20 X 12				44				137	
22 X 12				47				123	
24 X 12				"				96	
								2½" lap.	
								3" lap	
								3½" lap.	
								4" lap.	
								300	
								288	
								192	
								175	
								145	
								130	
								101	
								260/-	
								400/-	
								485/-	
								550/-	
								585/-	
								730/-	
Green Westmorland.				(In random sizes only.)				Best, 24 to 12 in.	
								Seconds, 24 to 12 in.	
Buttermere, Tilberthwaite, Elterwater or Coniston				£ s. d.	
								15 0 0	
								£ s. d.	
								12 0 0	
								£ s. d.	
								11 0 0	

Slates.
Prices,
Weight
and
Covering of
1000.
(actual).

Materials.

Day Works.
TILER.

DAY WORK PRICES. (Including profit.)

	s.	d.
Best Machine-made Pressed tiles,		
<i>per 100</i>	16	0
„ Hand-made, ditto „	17	6
„ Antique, ditto „	18	6
„ Ornamental plain tiles „	18	6
Eave tiles <i>same price as above</i>		
Tile and half (gable tiles) <i>double price</i>		
<i>of above</i>		
Hip and valley tiles <i>per doz.</i>	12	0
Pantiles. Yorkshire or Norfolk		
<i>per 100</i>	20	0
„ Berkshire „	40	0
Double Roman (unglazed) „	65	0
Glass tiles. Plain <i>each</i>	2	0
Pantiles „	4	6
Double Roman „	7	6
Hip Hooks „	2	6

Day work
prices.

*Day Works.***CARPENTER.**

DAY WORK PRICES. (Including profit.)

TIMBER CONSTRUCTIONAL AT PER PETROGRAD STANDARD

(No. 120 deals 12 ft. \times 11 in. \times 1½ in. = 165 ft. cube.)

		£	s.	d.
Deals.	Deals, best quality, 3 \times 11 in.; 4 \times 9 in.; {	30	0	0
	4 \times 11 in. }			
	Ditto, ditto, 3 \times 9 in. }	30	0	0
	Deals, second quality, 3 \times 11 in.; 4 \times 9 in.; {	28	0	0
Battens.	4 \times 11 in. }	28	0	0
	Ditto, ditto, 3 \times 9 in. }	28	0	0
	Battens, best, 2½ \times 7 in.; 2½ \times 8 in.; {	22	0	0
	3 \times 7 in.; 3 \times 8 in. }			
	Ditto, ditto, 2½ \times 6 in.; 3 \times 6 in. }	22	0	0
	Ditto, second quality, 2 \times 7 in.; 2 \times 6 in. }	20	0	0
	Ditto, ditto, 2 \times 4½ in.; 2 \times 5 in. }	20	0	0
	Ditto, best foreign sawn, ¾ \times 7 in. }	25	0	0
	Ditto, ditto, ditto, 1 in. and 1½ \times 7 in. }	25	0	0
	Columbian or Oregon Pine }	25	0	0

TIMBER IN SCANTLING. *Per foot cube.*Timber
in
scantling.

	s.	d.		s.	d.
American white-wood }	12	0	Kauri pine planks	10	2
Ash }	10	0	Oak (English) . .	12	0
Beech }	7	6	Oak, Jap. }	12	0
Birch }	7	6	Pitch pine }	7	6
Elm (English) . .	7	9	Teak (Moul- mein) }	20	8
Fir, not ex- ceeding 30 ft. in length . . }	6	0	Wainscot }	18	0
Do., exceeding do.	7	0	Mahogany (Hon- duras) }	19	3
			Ditto, Cuba . . .	25	0

Day Works.

CARPENTER.

TIMBER IN THICKNESSES.

Deals, planks, boards, and battens—per foot super.

	$\frac{1}{4}$ in.	$\frac{1}{2}$ in.	$\frac{3}{4}$ in.	1 in.	1 $\frac{1}{4}$ in.	1 $\frac{1}{2}$ in.	2 in.	2 $\frac{1}{2}$ in.	3 in.	Timber in thicknesses.	
American white wood	—	-/10 $\frac{1}{2}$	1/2	1/5	1/8	2/-	2/8	3/4	4/-	Deals, planks, boards, and battens.	
Ash	—	-/9	-/10	1/-	1/3	1/6	2/-	2/6	3/-		
Beech	—	-/7	-/8	-/9	/11 $\frac{1}{4}$	1/1 $\frac{1}{2}$	1/6	1/10 $\frac{1}{2}$	2/3		
Birch	—	/7	-/8	-/9	/11 $\frac{1}{4}$	1/1 $\frac{1}{2}$	1/6	1/10 $\frac{1}{4}$	2/3		
Deal, yellow	-/3	/4	-/5	-/6	-/7 $\frac{1}{2}$	-/9	1/-	1/3	1/6		
„ white (Christiania)	—	-/4	-/5	-/5 $\frac{1}{2}$	-/7 $\frac{1}{4}$	-/8 $\frac{1}{2}$	/11 $\frac{1}{2}$	1/2	1/4		
Elm	—	-/6	-/7	-/8	-/10	1/-	1/4	1/8	2/-		
Kauri pine	—	—	—	—	—	1/4 $\frac{1}{2}$	1/10	2/2 $\frac{1}{2}$	2/9		
Mahogany	-/10	1/2	1/6	1/10	2/4	2/9	3/4	4/3	5/2		
Honduras (any width)											
Ditto, Cuba ..	1/9	2/-	2/2	2/4	2/11	3/6	4/5	—	—		
Maple	—	-/8	-/9	-/10	1/0 $\frac{1}{4}$	1/3	1/8	2/1	2/6		
Oak (Eng.)	—	-/9	1/-	1/2	1/5 $\frac{1}{2}$	1/9	2/4	2/11	3/6		
Pitch pine	-/5	-/6	-/7	-/8	/10	1/-	1/4	1/8	2/-		
Pine	—	1/4	1/8	1/11	2/4 $\frac{1}{2}$	2/10 $\frac{1}{2}$	3/10	4/7 $\frac{1}{2}$	5/9		
Teak											
Walnut (Italian)	—	1/7	1/10	2/-	2/6	3/-	4/-	5/-	6/-		

SCAFFOLDING.

	s. d.	Scaffolding.
Petrograd poles, 15 ft. each	2 6	
„ „ 22 ft. „	4 7	
„ „ 28 ft. „	5 10	
„ „ 35 ft. „	18 9	
„ „ 42 ft. „	26 4	
Birch putlogs per doz.	12 0	
Scaffold boards, spruce, 1 $\frac{1}{2}$ x 9, as 12 ft. each	3 0	

SUNDRIES.

	s. d.	Shingles.
Oak shingles per 100	19 6	Ladder
Ladder staves „	17 0	staves.
Oak plasterers' laths per 400 ft.	3 0	Laths.
„ tiling laths „	9 0	Slating
Slating battens, 2 $\frac{1}{4}$ x $\frac{1}{4}$ in. .. per 100 ft. run	5 0	battens.
„ „ 2 $\frac{1}{4}$ x 1 in. .. „	5 6	

*Day Works.***CARPENTER.**

ENGLISH OAK FOR FENCING.

**Oak
fencing.**

								<i>s.</i>	<i>d.</i>
Oak posts, 12 ft., 10 × 10	each							57	0
" 10 " 9 " 9	"							41	3
" 9 " 9 " 9	"							37	0
" 9 " 8 " 8	"							27	0
" 10 " 7 " 7	"							24	0
" 7 " 7 " 7	"							16	6
" 10 " 6 " 6	"							15	0
" 6 " 6 " 6	"							9	0
" 10 " 6 " 4	"							8	6
" 9 " 6 " 4	"							7	2
" 8 " 6 " 4	"							6	4
" 7 " 6 " 4	"							5	7
" 6 " 6 " 4	"							4	9
" 7 " 5 " 5	"							6	6
" 10 " 5 " 4	"							6	8
" 6 " 5 " 4	"							4	0
" 5 " 5 " 4	"							3	4
" 10 " 4 " 4	"							7	6
" 5½ " 4 " 4	"							3	1
Oak gravel planks, 9 ft., 1½ × 9	"							5	0
" " 9 " 1½ " 8	"							4	3
" " 9 " 1½ " 6	"							3	6
" " 7 " 1½ " 6	"							2	5
Stumps for planks	"							0	3
Oak cleft pales, 6 ft.	per 100 pieces							66	6
" " 5 " " " " " " "	"							55	0
" " 4 " " " " " " "	"							44	0
" " 3 ft. 6 in.	"							38	6
Ditto, sawn, 6 ft.	"							37	6
" 5 " " " " " " " "	"							30	0
" 4 " " " " " " " "	"							24	0
" 3 ft. 6 in.	"							21	0

Day Works.

JOINER.

Prices of Timber.

FLOORING, ETC., PREPARED.

	s.	d.	Flooring
1 × 6 in. white deal, planed and shot <i>per square</i> }	25	0	—deal.
1 × 7 in. ditto „ }	25	6	
1 × 7 „ ditto, ditto, matched <i>per square</i> }	26	0	
1½ × 6 in. ditto, ditto „ }	30	0	
1½ × 7 „ ditto, ditto „ }	31	0	
1 × 6 „ yellow, planed and shot <i>per square</i> }	26	0	
1 × 7 „ ditto, ditto „ }	26	0	
1 × 7 „ ditto, ditto, and matched <i>per square</i> }	26	0	
1½ × 6 „ ditto, ditto, ditto „ }	30	0	
1½ × 7 „ ditto, ditto, ditto „ }	30	0	
1 in. red wood, good quality „ }	24	0	
1½ in. ditto, ditto .. „ }	29	0	
1 „ pitch pine, ditto „ }	60	0	—pitch-pine.
1½ „ ditto, ditto .. „ }	75	0	
1 „ maple „ }	54	6	
1½ „ ditto „ }	72	6	—hard wood.
1 „ oak, American „ }	75	0	
1½ „ ditto „ }	95	0	
1 „ teak „ }	95	0	
1½ „ ditto „ }	105	0	

Day Works.

JOINER.

DAY WORK PRICES.

MATCH LININGS, BEADED OR V-JOINTED.

Match
lining.

		s.	d.
$\frac{3}{4} \times 6$ in. white deal	<i>per square</i>	22	0
$\frac{3}{4} \times 7$ „ ditto	„	22	0
1×6 „ ditto	„	28	0
1×7 „ ditto	„	28	0
$\frac{3}{4} \times 6$ „ yellow deal	„	24	0
$\frac{3}{4} \times 7$ „ ditto	„	24	0
1×6 „ ditto	„	30	0
1×7 „ ditto	„	30	0

MOULDINGS, machine-made stock patterns.

Mouldings.

	s.	d.
Best quality in deal under $1\frac{1}{2}$ in. wide <i>per 100 feet run</i>	7	6
$1\frac{1}{2}$ in. to $2\frac{1}{2}$ in. wide	10	0
$2\frac{3}{4}$ in. to $3\frac{1}{2}$ in. wide	12	0
$3\frac{1}{2}$ in. to $5\frac{1}{2}$ in. wide	28	0

BALUSTERS, 3 ft. long, ready for fixing.

Balusters.

Per dozen.	$1\frac{1}{2}$ in.		$1\frac{3}{4}$ in.		2 in.		$2\frac{1}{2}$ in.		3 in.	
	s.	d.	s.	d.	s.	d.	s.	d.	s.	d.
Deal	21	0	24	0	27	0	—	—	—	—
Bass wood or Kauri pine	36	0	45	0	54	0	—	—	—	—
Oak	37	0	46	0	56	0	—	—	—	—
Mahogany ..	42	0	54	0	63	0	—	—	—	—
Austrian wainscot	42	0	54	0	63	0	—	—	—	—
Walnut ..	43	0	56	0	65	0	—	—	—	—

Extra for twisting, 1/- on Deal and Bass Wood.„ „ $1/6$ on Oak, Mahogany and Walnut.

Day Works.
JOINER.

DAY WORK PRICES.

HANDRAILS, moulded.

—	$3 \times 3\frac{1}{2}$	$3\frac{1}{2} \times 3\frac{1}{2}$	$3\frac{1}{2} \times 4$
	s. d.	s. d.	s. d.
Deal .. <i>per foot run</i>	1 6	2 0	2 6
Pitch pine	3 0	4 0	5 0
Oak or mahogany ..	4 0	4 9	5 3
Walnut	4 2	4 11	5 5

Handrails.

DRESSERS.

1 in. deal top square skirting, $\frac{3}{4}$ in. pot board and shelves, $1\frac{1}{4}$ in. moulded and square folding doors, hung to beaded frame, size over all 4 ft. 6 in. \times 6 ft. .. <i>each</i>	£ s. d.
Ditto, ditto, but with 2 in. top and three drawers and three tiers of shelves, framed legs and ends, 1 ft. 6 in. deep, size over all 6 ft. \times 8 ft. <i>each</i>	7 10 0 13 10 0

Dressers.

Day Works.

FOUNDER & SMITH.

DAY WORK PRICES. (Including profit.)

MATERIALS, ETC., CAST IRON GOODS.

Materials.

Columns or stancheons (solid) } with caps and bases and plain casting <i>per cwt.</i> }					s. d.	Columns and stancheons.
					23 0	
Ditto, ditto (hollow) circular or } octagonal <i>per cwt.</i> }					25 0	
Air Bricks or Gratings	Sizes					Air bricks.
	9×3 in.	9×6 in.	9×9 in.	12×9 in.		
	s. d.	s. d.	s. d.	s. d.		
Plain <i>each</i>	1 5	2 3	3 2			Balusters.
Galvanized } <i>each</i> }	2 1½	3 4	4 9			
Air bricks.. .. . <i>per cwt.</i>					s. d.	Balusters.
					29 6	
Backs for grates, large					26 9	
Ditto, small <i>per lb.</i>					0 5½	Balusters.
Balusters and newels, plain or } ornamental <i>per cwt.</i> }					20 0	
Boilers for stoves, and bottoms } tops and cheeks, and similar } goods <i>per lb.</i> }					0 5½	
Boilers or copper, cast-iron gal- } vanized, up to 25 galls. <i>per gall.</i> }					0 11	Channels.
Boxes, pivot, stop, etc., for gates } <i>per lb.</i> }					0 6½	
Brackets, bases steps, risers, } strings for staircases .. <i>per cwt.</i> }					41 6	
Brackets, ornamental under 10 lb. } <i>each</i> }					0 7½	Channels.
Channels (gutter) <i>per cwt.</i>					23 0	
Chequered plates for landings, } flooring, etc. <i>per cwt.</i> }					42 0	

FOUNDER & SMITH.

DAY WORK PRICES.

Coal
plates.

Coal plates with safety rings—

Diameter	12 in.	14 in.	16 in.	18 in.
	s. d.	s. d.	s. d.	s. d.
Solid iron ..each	6 0	7 6	12 6	16 6
Ventilating .. "	6 0	7 6	12 6	16 6
Illuminating .. "	12 6	16 2	25 0	30 0

Doors.

Doors (small as soot doors) and frames, dampers, ovens, boilers, back to ranges, etc., complete	s. d.
per cwt.	35 9
Ditto, small single articles	0 5½
Eaves, gutters, see RAINWATER GOODS.	

Framings.

Framings, open, of all kinds, step ladders, etc. per cwt.	41 6
Ditto, small articles .. per lb.	0 5½
Furnace bars, sash weights and similar goods per cwt.	18 0
Ditto or small single articles	0 3½
per lb.	

Gratings.

Gratings and frames for drains, stoves, etc. per cwt.	23 9
Ditto, ditto, hinged	25 10
Gratings and frames, perforated as for ventilators, air bricks, etc.	28 9
per cwt.	
Ditto, small single articles	0 4½
Ditto, air bricks, see above	

Heads and
shoes.

Heads and shoes for roof trusses, including drilling .. per cwt.	26 10
Ditto, rainwater pipes, see RAINWATER GOODS.	

Ladders.

Ladders, step, and similar framings per cwt.	41 6
Landings and steps and risers, perforated or chequered .. per cwt.	41 6

Orna-
mental
cast-iron.

Ornamental cast-iron article, light	0 5½
per lb.	
Perforated or chequered plates	41 6
per cwt.	

Pipes
(stove, etc.)

Pipes for stoves, tall-boys, including bases, tees, bends, etc.	30 0
per cwt.	
Ditto, drain, soil and ventilating, see MEASURED PRICES and deduct 15%.	

DAY WORK PRICES.

FOUNDER & SMITH.

RAINWATER GOODS.

Eaves gutters (including necessary brackets and bolts and nuts for fixing, complete):—

Rainwater goods.

Sizes	3 in.	4 in.	4½ in.	5 in.	6 in.
	s. d.	s. d.	s. d.	s. d.	s. d.
Half round } per foot run }	0 6½	0 7½	0 9	0 11	1 1
Angles or outlets } each }	1 2	1 4	1 7	1 9	2 4
Stop ends	0 4	0 4	0 4½	0 6	0 7
Clips	0 6	0 6	0 7	0 9	1 0
Ogee moulded } per foot run }	0 9	0 10½	0 10½	1 1	1 3
Angles or outlets } each }	1 5½	1 7	1 9	2 0	2 9
Stop ends	0 4	0 4	0 5	0 6	0 7
Clips	0 9½	1 2	1 3	1 5½	1 5½
Galvanized wire } guards to outlets }	0 8	0 9	1 0	1 6	1 9
each }					

Sizes	Inches.					
	2½	3	3½	4	5	6
Pipes round } per foot run }	-/9	-/11	1/1	1/3	1/11	2/3
Heads	2/10	3/4	4/4	4/9	7/5	9/4
Shoes	2/3	2/10	3/6	4/-	5/-	6/-
Bends	1/7	1/7½	2/3	2/9	5/8	7/8
Swan necks, } 6 in. project }	1/11	2/3	2/10	3/2	5/8	6/7

Sizes	Inches.			
	3 × 2½	3½ × 2½	4 × 3	5 × 4
Pipes, rectan- } gular }	1/4	1/5½	1/7	2/6
Elbows and } shoes }	3/8	4/4	4/8	7/-
Heads, plain	8/11	11/1	11/1	12/5
Plinths	6/-	7/8	7/8	11/1

FOUNDER & SMITH.

DAY WORK PRICES.

	Rainwater pipes and gutters, of special pattern, including heads, shoes, swan necks, bends, angles, nozzles, etc. .. <i>per lb.</i>	s. d. 0 6
Sash weights.	Sash weights	0 2
	Shoes for door frames	0 4
	Soot doors	0 5½
staircases.	Staircases, straight, including string rail and balusters each side, 2 ft. 6 in. wide <i>per step</i>	48 6
	Ditto, 3 ft. wide	54 3
	Ditto, 3 ft. 6 in. wide	61 6
	Ditto, circular, 3 ft. diam. <i>per foot high</i>	25 0
	Ditto, ditto, 3 ft. 6 in. diam. ..	27 6
	Ditto, ditto, 4 ft. 6 in. diam. ..	33 0
	Ditto, ditto, 6 ft. diam. ..	69 6
Tanks.	Tanks, ½ in. flange plates, etc., as described in MEASURED PRICES, p. 158 <i>per cwt.</i>	22 10
	Ditto <i>per foot super.</i>	6 0

CASTINGS.

Castings, brass, etc.	Brass <i>per lb.</i>	s. d. 1 7
	Ditto, drilled and fitted complete <i>per lb.</i>	2 2
	Copper	1 11
	Gun metal	1 11
	Ditto, drilled and fitted ..	2 7
	Ditto, hinges, casement stays, door and window furniture, etc. <i>per lb.</i>	2 10
	Malleable iron	0 3 to 1 0

WROT. IRON & STEEL.

FOUNDER & SMITH.

DAY WORK PRICES.

WROUGHT-IRON AND STEEL GOODS.

Constructional wrought-iron and steel
work, delivered on site in London,
including unloading.

	s.	d.		
Rolled steel joists, plain bars, cut to lengths up to 12 in. deep per cwt. }	15	0	Rolled steel joists.	
Ditto, 12 to 16 in. deep ,,	15	6		
Ditto, 16 to 24 in. deep ,,	16	0		
Ditto, compound or box girders per cwt. }	21	0		
Ditto, compound stancheons ,,	22	0	Compounds and stancheons.	
Angles, tees and channels ,,	18	0		
Plates, for flitches, etc. ,,	21	0		
Bar iron, flats and round rod ,,	24	9		
Rails, heavy railway metals ,,	20	0		
Hoop iron ,,	24	9	Hoop iron.	
Ditto, galvanized ,,	32	6		
	S. W. G.			
	20	22	24	
Sheet iron, black per cwt.	15/-	16/-	18/-	Sheet iron.
per foot super (approx.)	-/4 $\frac{3}{4}$	-/3 $\frac{3}{4}$	-/2 $\frac{3}{4}$	
Ditto, galvanized per cwt.	19/6	22/-	24/-	
per foot super (approx.)	-/6 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/5 $\frac{1}{2}$	
Corrugated galvanized ditto }	20/6	22/6	24/6	
per cwt. }				
per foot super (approx.)	-/6 $\frac{1}{2}$	-/6 $\frac{1}{2}$	-/5 $\frac{1}{2}$	

*Day Works.***HOT-WATER ENGINEER.**

DAY WORK PRICES. (Including profit.)

WROUGHT IRON LAP-WELDED STEAM AND HOT WATER
Pipes, and connections with plain screwed socket joints.

Internal diam. inches	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
Pipes, 2 ft. to 14 ft. long per foot run	-/5	-/7	-/8 $\frac{1}{2}$	1/-	$1/3\frac{1}{2}$	1/9	2/7	2/11
Pieces under 2 ft. each	1/-	$1/3\frac{1}{2}$	$1/6\frac{1}{2}$	2/1	2/8	3/9	6/-	7/3
Long screws, under 2 ft., including back nut each	1/2	1/5	1/10	2/7	3/5	4/9	8/7	11/1
Bends or el- bows each	/10 $\frac{1}{4}$	1/1	1/7	2/4	2/10	4/4	10/3	16/2
Tees .. "	1/-	1/1	1/5	2/1	2/7	3/11	8/7	16/-
Crosses .. "	1/11	$2/4\frac{1}{2}$	3/2	4/2	4/3	6/10	19/6	3 $\frac{1}{2}$ /6
Flanges .. "	1/5	1/11	2/1	2/10	3/9	4/3	5/8	8/3
Caps .. "	-/5	-/7	-/8 $\frac{1}{2}$	1/-	$1/3\frac{1}{2}$	1/9	4/3	5/2
Plugs .. "	-/5	-/7	-/8 $\frac{1}{2}$	/10 $\frac{1}{4}$	1/2	1/5	2/7	4/3
Gunmetal unions .. "	3/-	3/11	6/-	8/7	10/9	18/6	34/3	50/6
Hooks or clips per doz. }	-/5	-/7	-/8 $\frac{1}{2}$	/10 $\frac{1}{4}$	1/2	$1/8\frac{1}{2}$	$2/7\frac{1}{2}$	4/4

Pipes galvanized 33% extra
 Fittings galvanized 50% "
 Asbestos yarn 3/9 lb.

*Day Works.***GLAZIER.**

DAY WORK PRICES. (Including Profit.)

	<i>Materials.</i>	<i>s. d.</i>
Clips.	<i>Clips</i> , copper, 16 gauge, 3½ in. long, 1 in. wide, drilled for and including screws <i>each</i> }	0 6
	Ditto, lead	0 3
Glass.	<i>Glass.</i> For prices of glass, supplied only, deduct from the foregoing Measured Prices for all kinds of glass except British polished plate <i>per foot super.</i> }	0 3
	Ditto, for British polished plate ..	0 6
	English sheet glass, 15 oz. ..	0 5
	21	0 7½
	26	0 8
	32	0 10
	English rolled and rough rolled or cast plate glass, ½ in. thick <i>per foot super.</i> }	0 5
	Ditto, ⅜	0 5½
	Ditto, ¼	0 6½
	Ditto, ⅓	0 11
Lead.	Ditto, ½	1 8
	<i>Lead</i> , "fret," for window lights .. <i>per lb.</i>	0 9
Putty.	<i>Leathers</i> , chamols <i>each</i>	2 0
Sprigs.	<i>Putty</i> , white or red lead <i>per lb.</i>	0 4
	<i>Sprigs</i> or nails, copper	2 6

Day Works.

PAINTER AND DECORATOR.

DAY WORK PRICES. (Including profit.)

	Mixed for use per gall.		Ground in oil per lb.		
	s.	d.	s.	d.	
Priming	15	6	—		
White, stone, buff, green, French grey, blue, slate, black, etc. }	17	6	1	1	
Indian, Persian, red	17	6	1	2	
Crimson	32	0	2	0	
Madder	21	9	1	4	
Red oxide	15	0	0	10	
					s. d.
Enamel, any colour per gallon			30	0	
White enamel, best quality per quart			9	9	
Dryers, patent, for white lead paints per lb.			0	6	Dryers.
" " " zinc paints			1	0	
Duresco, white and common colours per cwt.			58	6	Duresco.
Flannel, cleaning per yard			1	0	Flannel.
Flatting per lb.			1	0	
Glaze per gallon			15	6	
Gold leaf, single per book of 25 leaves			4	6	Gold leaf.
Ditto, ditto, double			7	3	
Knotting, patent per pint			3	0	Knotting.
Laminated lead for damp walls per cwt.			39	3	
Ditto, ditto per foot super (about 6 oz.)			0	3	
Lampblack per lb.			0	8	
Litharge			0	8	Litharge.
Lead, white, ground in oil			0	9	
" red (dry)			0	7	
" black			0	9	
Leathers each			2	3	
Limewhite (3 gallons) per pail			1	6	
Mordant (to make paint adhere to zinc) per gallon }			7	6	
Oil, linseed, raw			5	0	Oil.
" " boiled			5	6	
Paint—					Paint.
Mixed ready for use, common colours per lb. }			0	8	
" " " per cwt.			68	0	

Day Works.

PAINTER, DECORATOR, Etc.

DAY WORK PRICES. (Including profit.)

		s.	d.
Polish.	Petrifying liquid per gallon	3	6
	Pitch, common per lb.	0	2½
	„ Stockholm „	0	3½
	Polish, best French, and brush .. per pint	3	0
	Pumice stone per lb.	0	10
Size.	Putty, white or red lead „	0	4
	Shellac per pint	2	0
	Silicate oxide paint per cwt.	42	0
	Size per lb.	0	5½
	„ best gold per gallon	21	0
Stain.	Soap, soft per lb.	0	8
	Soda „	0	1½
	Solignum, according to colour per gallon from	9	6
	Spirit, methylated per quart	1	9
	Stain (water) oak, mahogany .. walnut, gallon	9	9
Stopping.	Stain (oil) oak per gallon	17	6
	„ Mahogany, walnut, ebony, green, etc., } liquid per gallon }	15	6
	„ Ditto, ditto, in oil „	27	6
	„ varnish per gallon	16	0
	Stopping, hard per lb.	1	0
Tar.	Sulphur „	0	5
	Tar, coal gas per gallon	1	3
	„ „ per barrel	32	6
	„ Stockholm per gallon	4	0
	„ „ per barrel (22 gals.)	75	0
Turpentine. Varnishes, etc.	Terebene per gallon	23	6
	Torbay Paints (Wolston's) per cwt.	62	0
	Turpentine, best per gallon	7	9
	Varnish, etc.—		
	Berlin black „	20	0
	Brunswick black „	14	6
	Copal, best fine hard „	27	6
	„ best elastic or hard „	35	0
	„ finest pale durable „	40	0
	Japan black, best „	27	6
	Fine pale maple „	27	6
	Oak, best hard „	21	0
	Egg-shell flatting „	27	6
	Extra pale paper „	21	0
	Amoa wax waterproof compound ..	16	0
Water paints.	Water Paints		
		Per cwt.	Per 7 lb. packet.
	White	s. d.	s. d.
	Buff, lemon, drab, salmon, chocolate, } French grey, sky blue, light red, } etc. }	60 0	5 3
	Greens (various shades), slate colour, } etc. }	80 0	6 0
	„ „ „ „ „ „ „ „ }	84 0	7 0
	„ „ „ „ „ „ „ „ }	84 0	7 0
	Ultramarine, sage green, vermilion	95 0	9 0

Day Works.
PAPERHANGER.

DAY WORK PRICES. (Including profit.)

	s.	d.	Day Work Prices.
Bread per lb.	0	6	
Canvas, stout per yard super.	1	0	
„ strips, 2 in. to 6 in. wide per yard run }	0	4	
„ sewing same per yard super.	0	1½	
Cartridge paper, stout per piece	2	0	
Flour per quartern	1	0	
Glass paper per dozen sheets	1	1	
Paste per quart	0	8	
Size (double) per lb.	0	5½	
Tacks per 1000	1	5	
Thick brown paper per cwt.	47	0	
Varnish (for paper) per gallon	27	6	
Waterproofing solution, Amoa wax ..	17	0	

Day Works.

SUNDRIES.

	s.	d.
Ashes <i>per bushel</i>	0	5½
" sifted "	0	6
Airbricks, 9 × 3 <i>each</i>	0	7½
" 9 × 6 "	1	2
" 9 × 9 "	2	4
Asbestos, sheet <i>per square foot</i>	0	3½
Ditto, corrugated "	0	6
Alum, lump or powder <i>per lb.</i>	0	4
Ballast, Thames <i>per yard cube</i>	10	0
Broken brick or hardcore "	6	0
Breeze coke "	7	11
Bottles, broken <i>per bushel</i>	2	0
Breeze fixing bricks <i>per doz.</i>	1	3
Baize 36 in. wide <i>per yard</i>	2	6
" 45 " " "	3	6
" 54 " " "	4	8
" 72 " " "	5	8
Brass, sheet or rod <i>per lb.</i>	1	1
Bronze <i>per pint</i>	2	8
Brackets, gutter, 3 in.—4½ in. O. G. fascia } <i>per doz.</i>	3	1
Balusters and newels "	0	9
Bars, chimney bearing, etc. "	0	4½
Bolts, Lewis, including washers "	1	0
" " under 2 lb. "	0	9
" " 4 lb. "	0	9
" " 8 lb. "	0	6
" " 8 lb. and over "	0	5½
Ditto (screw) nuts and washers, square or } <i>per lb.</i>	1	0
hexagon heads, under 1 lb. each "	0	9
Ditto, over 2 lb. and under 4 lb. each "	0	9
Ditto " 4 lb. " 8 lb. " " "	0	9
Ditto " 8 lb and upwards "	0	5½
Bolts, gutter, with head screw and nut, ¾ in. } <i>per gross</i>	2	3
Ditto, 1 in. "	2	6
Ditto, ditto <i>per doz.</i>	0	3½
Blocks, hard wood, polished, 6 in. <i>each</i>	0	7
Berlin black <i>per pint</i>	3	0
Brunswick black "	1	9
" " <i>per gallon</i>	9	0
Blue black <i>per lb.</i>	0	8
Borax "	1	3
Beeswax "	3	2
Bath brick <i>each</i>	0	9

SUNDRIES.

	s.	d.
Cement—		
Portland	46	0
Keene's <i>per bushel</i>	3	0
Parian <i>per bushel</i>	115	0
" <i>per bushel</i>	6	0
Selenitic	115	0
" <i>per bushel</i>	6	0
Sirapite	—	—
" <i>per bushel</i>	3	6
Rapid hardening <i>per bushel</i>	70	0
Snowcrete	3	6
Atlas white <i>per 56 lbs.</i>	3	6
"Pudlo" <i>per lb.</i>	10	0
Clay, Stourbridge fire <i>per cwt.</i>	11	0
Coke, broken	1	3
Clay <i>per yard cube</i>	4	0
Chalk	2	2
Cement, iron <i>per lb.</i>	12	10
" red lead	13	10
Coarse stuff <i>per hod</i>	0	7½
" <i>per yard</i>	0	8½
Candles <i>per lb.</i>	1	7
Canvas <i>per yard</i>	47	6
Chain galvanized, small link <i>per lb.</i>	0	5
" brass	0	9
" <i>per foot run</i>	0	8½
Carbolic acid <i>per gallon</i>	1	8
Cones, lead <i>each</i>	0	3½
Collars and washers, 1 in. leather	6	2
" " " 1 in. wrought iron	0	10
" " " 1 in. India-rubber	1	2
Copperas—		
Green <i>per lb.</i>	0	1½
White	0	6
Copper, strong sheet, cut to sizes	1	3
" thin	1	4
" nails	1	3
" wire	1	3
" wirework (fine mesh)	1	5
" tacks	1	5
" pipes	1	4
Cotton waste <i>per lb.</i>	0	9
Cramps and dowels	0	5½
Creosote <i>per gallon</i>	1	9
Distemper, sanitary washable <i>per 7-lb.</i>	5	0

Day Works.

SUNDRIES.

	s.	d.
Distemper, snow white <i>per cwt.</i>	38	3
Ditto, petrifying liquid <i>per gallon</i>	4	9
Doors, frames, and riveted iron, including } hinges <i>per cwt.</i> }	84	3
Felt, best quality, for roofs <i>per yard super.</i>	0	9
Fine stuff <i>per hod.</i>	1	9
Glue <i>per lb.</i>	0	9
Gravel, fine <i>per yard cube</i>	11	5
„ unscreened „ „	15	5
„ coarse „ „	10	11
Granite, crushed or siftings <i>per ton</i>	35	0
„ broken „ „	33	0
Grates, or gratings for drains <i>per lb.</i>	0	8
„ „ „ if hinged „	0	9
Gutta percha, $\frac{1}{4}$ in. thick „	2	3 $\frac{1}{2}$
Hair, 14 lb. per bushel <i>per bushel</i>	3	9
„ <i>per lb.</i>	0	5
Handrails, half round or other section, core } rails, including drilling <i>per lb.</i> }	0	9
Hasps and staples „	0	5
„ on plate, with screwed ends and nuts } <i>per lb.</i> }	1	0
Hinges, hooks and eyes, T or strap, cross } garnet, etc., including bolts, nuts, and } washers <i>per lb.</i> }	1	6
Hoop iron, black.. .. . <i>per cwt.</i>	12	0
„ „ galvanized „	30	0
Holdfast, pipe hooks, wall hooks, etc., } <i>per lb.</i> }	0	5
„ galvanized „	0	7
Hooks and ceiling roses <i>each</i>	0	6
Hoggin <i>per yard cube</i>	18	6
India-rubber, best sheet <i>per lb.</i>	3	0
Iron dogs „	0	4
Laminated lead <i>per cwt.</i>	39	0
Lamp black <i>per lb.</i>	0	7
Lacquer <i>per pint</i>	3	6
Lead, red and white <i>per lb.</i>	0	9
Lime stone, grey <i>per ton</i>	55	0
„ blue lias <i>per ton</i>	42	0
Lime chalk <i>per ton</i>	54	0
Nails, cut 3 in. to 6 in. <i>per cwt.</i>	21	0
„ „ „ <i>per lb.</i>	0	4

SUNDRIES.

	s.	d.
Nails, under 3 in. <i>per cwt.</i>	23	9
„ „ „ „ „ „ <i>per lb.</i>	0	5
Nails or rivets, copper „	1	9
„ „ wrought iron „	0	5
„ „ lead headed „	0	10
„ „ pipe „	0	9
Oil, Neatsfoot <i>per pint</i>	0	8
Paper, glass or emery .. <i>per doz. sheets</i>	2	0
Packing canvas <i>per yard</i>	1	8
Pitch <i>per lb.</i>	0	2½
Putty „	0	4
Pipes, sheet iron stove pipes, No 20 gauge—		
Diam. 3 in. black .. <i>per 2 foot lengths</i>	0	11
„ „ galvanised .. „ „	1	5
„ 4 in. black .. „ „	1	0
„ „ galvanised .. „ „	1	9
„ 5 in. black .. „ „	1	2
„ „ galvanised .. „ „	2	4
„ 6 in. black .. „ „	1	6
„ „ galvanised .. „ „	2	11
Plaster of Paris <i>per bag</i>	1	0
Putty (Plasterers') for stopping .. <i>per hod</i>	2	8½
Potash <i>per lb.</i>	1	0
Rails, half round, flat (as core rails) or other } sections <i>per lb.</i> }	0	9
Rivets, black „	0	10
„ galvanised „	1	1
Rope, wire, galvanised <i>per cwt.</i>	87	6
Resin <i>per lb.</i>	0	6
Sand, pit <i>per yard cube</i>	12	0
„ Thames „	12	0
„ „ „ „ <i>per bushel</i>	1	0
„ washed <i>per yard cube</i>	13	0
„ „ „ „ <i>per bushel</i>	1	0
Sawdust „	0	9
Sash lines, flax, best white .. <i>per yard</i>	0	3
Sash weights, iron <i>per lb.</i>	0	1½
„ „ lead „	0	6
Solder, plumbers' best „	1	4
„ Tinman's „	1	6
„ blowpipe „	1	8
Staples, round or square „	0	8
„ wire <i>per doz.</i>	0	3

Day Works.

SUNDRIES.

	s.	d.
Steel or wrought iron cut to sizes—		
Bar, round, square, flat, or rod <i>per cwt.</i>	21	0
Half round, angle, tee, and channel sections and angle cleats .. <i>per cwt.</i> }	25	0
Sheet or plate	30	0
Stone, Kentish, rag broken <i>per yard cube</i>	24	9
Stone Preservative <i>per gallon</i>	19	4
Straps and bolts (wrought iron), nuts, key wedges, etc., for wood roof trusses <i>per lb.</i> }	0	10
Ties, wrought iron, for hollow walls <i>each</i>	0	2
Tongues for joists, deal .. <i>per 100 foot run</i>	2	8½
Ditto, ditto, oak	5	8
Ditto, cross or feather deal	3	6
Ditto, ditto, oak	8	3
Ditto (water bar), for window sills, 1 in. by ½ in., galvanised <i>per foot run</i> }	0	4
Tubing, vulcanised India-rubber, red or drab, and 3-ply canvas, ½ in. diam. internal <i>per foot run</i> }	0	5
Ditto, ditto, ½ in. ditto	0	9
Ditto, ditto, ¾ in. ditto	1	1
Ditto, ditto, 1 in. ditto	1	5
Ditto, ditto, larger sizes <i>per lb.</i>	5	3
Wire guards, straight lattice, ½ in. to ¾ in. mesh, black }	1	1
Ditto galvanised }	1	7
Ditto diamond lattice, 1 in. to 1½ in. mesh, black }	0	11
Ditto galvanised }	1	2
Ditto hexagon lattice, ¾ in. to 1½ in. mesh, black }	1	3
Ditto galvanised }	1	8
Wire netting, galvanised, 1½ in. and 2 in. mesh <i>per yard super.</i> }	0	4½
Ditto 1 in. mesh	0	9½
Ditto ¾ in. mesh	0	10½
Ditto ½ in. mesh	1	2
Whitewash <i>per pail</i>	2	0
Whitening <i>per cwt.</i>	3	9
Wood Preservative <i>per gallon</i>	8	11
Yarn, spun	1	0
Zinc, sheet, cut to sizes <i>per lb.</i>	0	6
Vielle Montagne, 14 gauge 20 oz. <i>per ft. super.</i> }	0	7½
Ditto 15 .. 22 oz.	0	8½
Ditto 16 .. 24 oz.	0	9½
Zinc nails <i>per lb.</i>	0	9

No. 18.—BUILDER'S PLANT, HIRE OF.

Hire of Builder's Plant. (Including profit.)

Article.	Per day.	Per week.	Per month (4 weeks).	Per week (after 1st month).
Barrows, navy	-/5	2/6	6/-	1/-
„ 2-wheel or hand	1/-	5/-	—	—
Baskets and chains	-/2	1/-	2/6	-/6
Blocks, 1 sheave	-/6	3/-	—	1/6
„ 2 „	-/9	4/6	—	2/-
„ 3 „	1/-	6/-	—	3/-
Boards, scaffold, 12' x 9' } per doz. }	—	3/-	—	—
Bosuns chairs, complete ..	1/6	5/-	15/6	7/6
Chain tackles from	1/6	3/6	9/-	—
Crabs, D.P. 2 ton, with } brakes }	3/6	7/6	22/6	—
Cradles, painter's, with } blocks, falls, and track }	—	20/-	50/-	—
Cramps, floor	-/9	4/6	—	—
„ joiners	-/7	2/-	5/-	1/-
Cripples	-/5	2/6	—	—
Cross-cut saws	-/6	1/6	4/-	-/9
Crowbars	-/3	1/6	—	-/6
Deals, 12'-20' per doz.	1/6	6/-	—	—
Drain plugs from each	/6	3/-	8/4	1/6
„ rods per set	2/-	12/-	24/-	3/-
Drilling machines, portable	3/-	21/-	37/-	5/-
Dust sheets each	-/2	1/-	2/6	-/6
Fall ropes, flexible steel wire	2/-	7/-	15/-	3/-
„ under 200' ..	-/6	3/-	8/6	1/6
„ over 200', accord- } ing to length }	2/-	12/-	33/-	6/-
Forges, portable	—	10/6	30/-	4/6
Furnaces, plumber's oil ..	2/6	7/6	22/-	3/-
Gin wheels	-/6	2/3	4/6	-/9
Grindstones, 2' diam. ..	2/-	7/6	18/-	2/3
Jacks, hydraulic and screw } 6 ton }	1/-	3/6	10/-	—
10 „	1/-	3/6	10/-	—
Ladders, builder's—				
rounds 10-30	-/7	3/-	—	1/-
„ 31-40	-/9	4/6	—	2/6
„ 41-50	-/11	5/6	—	3/6
„ 51-60	1/-	6/-	—	4/-
„ 61-70	1/3	7/6	—	5/-
„ 71-80	1/6	9/-	—	6/-
„ 81-85	1/9	10/6	—	7/6

BUILDER'S PLANT, HIRE OF.

Hire of Builder's Plant. (Including profit.)—*continued.*

Article.	Per day.	Per week.	Per month (4 weeks).	Per week (after 1st month).
Lamps, blow	1/1	3/-	8/8	1/1
" incandescent paraf- fin, 1000 c.p. .. }	5/6	9/6	28/-	—
" paraffin flare ..	-/3	1/	2/-	—
" Well's, according to size <i>from</i> }	1/-	5/-	15/-	2/-
Mortar mill, 5-ft. pan, geared and power .. }	15/-	74/-	163/-	15/-
Pipe cutters <i>from</i>	1/6	3/-	6/-	1/-
Poles, 30' and under <i>per doz.</i>	—	3/-	—	—
" over 30'	—	5/-	—	—
Pumps, contractors, 4" and 6"	1/6	7/6	24/6	4/-
" chain or sludge ..	6/-	15/-	30/-	6/-
" diaphragm hand ..	10/-	20/-	60/-	—
" gas service	1/-	6/-	10/-	1/-
" pulsometer, accord- ing to size and time required .. }	—	—	—	—
" tripod	6/-	15/-	30/-	6/-
Putlogs, wood <i>per doz.</i>	—	2/-	—	—
" T-iron	-/9	2/-	4/-	1/-
Rammers, light	-/3	1/6	3/6	-/6
" heavy	-/8	1/8	4/-	1/-
Rollers, iron, 25 cwt. ..	—	30/-	50/-	—
" steam, 10 ton, coal, oil, water, and driver .. }	50/-	180/-	—	140/-
Sand screens	1/-	4/-	11/-	3/-
Scaffold cords, hemp ..	—	2/-	2/-	—
" " steel wire	—	1/6	3/-	—
Screwing machine and pipe vice (on bench) }	7/6	15/-	30/-	6/-
Shear legs, 12' pipe, high }	2/6	6/-	20/-	—
Ditto do. with winch, 15'	—	—	—	—
Ditto, timber, 20' with guys	2/6	10/-	26/-	2/8
Shoring and underpinning <i>per foot cube</i> }	—	-/9	—	-/3
Slings, chain and wire <i>large</i>	1/6	3/6	9/-	—
" " " <i>small</i>	-/4	1/-	3/-	—
Steps, swing-back builder's— <i>under 8'</i>	-/4	1/8	5/4	1/-
<i>9'-12'</i>	-/7	3/6	9/4	1/8
<i>12'-14'</i>	-/10	5/-	16/-	3/-

BUILDER'S PLANT, HIRE OF.

Hire of Builder's Plant. (Including profit.)—*continued.*

Article.	Per day.	Per week.	Per month (4 weeks).	Per week (after 1st month).
Stippling brushes	1/-	2/-	4/-	1/-
Stocks and dies <i>from</i>	-/7	1/-	3/-	-/6
Stone lewises	-/6	1/6	3/-	—
„ trollies	1/-	4/-	12/-	—
Tarpaulins <i>from</i>	—	4/ to 5/	—	—
Trestles (each trestle)—				
<i>under 8'</i>	-/6	3/-	7/-	2/-
<i>9'-12'</i>	-/9	4/6	13/-	2/6
<i>12'-15'</i>	1/2	7/-	20/-	4/-
<i>15'-18'</i>	1/9	10/6	31/6	6/-
<i>18'-20'</i>	2/6	15/-	45/-	9/-
Tubs, $\frac{1}{2}$ puncheon size ..	-/3	-/10	2/2	-/6
Union screws, 2 tons & under	-/7	2/-	8/-	1/-
2-10 tons	1/-	4/-	13/6	2/-
10-25 „	2/-	9/-	28/-	4/-
Vice, portable	1/-	3/-	9/-	1/-
Wedges, scaffold <i>per doz.</i>	—	-/4	—	—
Winches, $\frac{1}{2}$ and 1 ton ..	2/8	11/6	26/-	2/8
„ window machines	1/-	6/-	16/-	3/-

BUILDER'S PLANT, Cost of.

LADDERS (with oak rounds).				s. d.	Ladders.
12 rounds and under	<i>per round</i>			0 11	
13 and not exceeding 30	„			1 0	
31 „ „ 45	„			1 3	
46 „ „ 55	„			1 4	
56 „ „ 70	„			1 9	
70 „ „ 80	„			2 6	
80 „ „ 90	„			3 8	
90 „ „ 100	„			5 3	
EXCAVATOR'S BARROWS.					Barrows.
1. Ash frame, elm top, with leg-stay ..	<i>each</i>			12 6	
2. Ditto, with extra side-stays	„			18 6	
3. Stout ash frame, 1-in. elm top, full size with leg and side-stays	<i>each</i>			19 6	
4. Ditto (extra large), with cleats to sides, and two bolts through frame, and long side iron stays, bolted to bottom of legs ..	<i>each</i>			21 0	
TRESTLES.		Light, for one board at top.	Stout, for two boards at top.	Trestles.	
		s. d.	s. d.		
6 ft. high	<i>each</i>	15 0	16 6		
9 „ „	„	22 6	24 0		
12 „ „	„	30 0	33 0		
16 „ „	„	40 0	60 0		
18 „ „	„	45 0	67 6		

CHARGES AND FEES PAYABLE

ARBITRATIONS, Fees Payable in.

Arbitrators and Umpires.	For each arbitrator and umpire—			
	For the first hour of the sitting	£	s.	d.
	For each subsequent hour ..	2	2	0
	For each subsequent hour ..	1	1	0
	If case jointly stated under Rule 43, not to exceed }	4	4	0
<i>The above scale shall apply unless the parties enter into an agreement, to be endorsed on the Submission, to pay specified fees of a larger amount.</i>				
Office Fee.	Including Registrar's attendance, forms, room, etc., but exclusive of stamp duties }	1	1	0
	For each day on which he is engaged for a period not exceeding three hours }	5	5	0
	Exceeding three hours	10	10	0
Witnesses.	Scale of Fees to be the same as those allowed in the High Court.			
Counsel and Solicitors.	Fees to be on the same scale as those allowed in the High Court; but for attendances at the hearing only.			
<i>Copies of documents will be supplied by the Registrar at the rate of 4d. per folio of 72 words.</i>				

ARCHITECTS' AND SURVEYORS' CHARGES.

THE PROFESSIONAL PRACTICE AS TO THE CHARGES OF ARCHITECTS.

Extracts from the Schedule sanctioned by the Royal Institute of British Architects. (The full schedule is obtainable from the Institute, price 3d.)

Usual Remuneration.	On contracts exceeding £2000 the usual remuneration which includes for preliminary sketches, approximate estimate, working drawings, and specification, with duplicate set of each for contractor, is	On cost of works.
		6 per cent.
Small Works.	On Contracts less than £2000 ..	10 per cent. on £100
		graduated to 6 per cent. on £2000.

Negotiations relating to site, drawings for ground or other landlords, surveying and levelling, party wall and light and air questions, drawings, etc., for local authorities	<i>Additional charges, according to trouble and time spent.</i>	Special services.
Clerk of Works should be appointed by architect and salary paid by client.		Clerk of Works.
In designs for furniture, fittings, decoration, etc., and alterations, and additions, 6 per cent. is not remunerative, and Architect's charge is regulated by the special circumstances and conditions	<i>Ditto, ditto.</i>	Fittings, alterations, additions etc.
	Upon estimated cost.	
If the Architect should have drawn out the approved design for the drawings and specification sufficient to enable quantities to be prepared or tenders obtained ..	$\frac{2}{3}$ % in clauses 1 and 2.	
Works originally included in contract but subsequently omitted	$\frac{2}{3}$ % on cost if carried out.	Charges when works not carried out, etc.
Preliminary sketches and interviews where drawings are not further proceeded with	$\frac{1}{4}$ % in clauses 1 and 2.	
Material alterations made after contract drawings prepared	<i>According to trouble and time expended.</i>	Extra charges.
Laying out estates and arranging building upon them	<i>Ditto.</i>	Estate plans and Estate work.
Setting out roads, taking levels, arranging drains and sewers, etc. ..	3 per cent.	
Preparing working drawings and specifications, obtaining tenders, supplying copy of drawings and specifications to the contractor, superintending the works and passing accounts	5 per cent.	
Letting plots. The charge is a sum not exceeding	1 year's ground rent.	For Letting plots.
Ditto of great value	<i>By special arrangement.</i>	

For Approving plans on behalf of		
Approving ground landlord, and inspecting		
plans. buildings during progress—up to		$2\frac{1}{2}$ per cent.
£500		
£500 to £5000		$1\frac{1}{4}$ per cent.
Ditto above £5000		1 per cent.
Dilapidations. Estimating dilapidations, furnishing or checking schedule on estimate (minimum charge £5 5s.)		5 per cent.
For services in connection with arbitration, etc., the charge is (minimum £3 3s.)		Per day.
Sanitary surveys. Sanitary surveys, inspecting, reporting and advising (minimum £3 3s.) in addition to cost of assistance and appliances		According to trouble and time expended.
Charge per day. The charge per day depends upon the architect's professional position, the minimum being		£5 5s.
Quantities. *When the architect takes off and supplies quantities, he should do so with his client's concurrence. The cost of such quantities is not included in the 5 per cent.		
Valuations and settlement of Claims. Valuing property for mortgages, etc.:—		
On £1000		1 per cent.
Thence to £10,000		$\frac{1}{2}$ per cent.
Above £10,000		$\frac{1}{4}$ per cent. on residue.
Valuations for mortgage when no advance is made (minimum £3 3s.)		$\frac{1}{3}$ rd of above scales.
Valuing and negotiating the settlement of claims under the Lands Clauses Consolidation or other Acts for compulsory purchase,		Ryde's Scale.

* The usual rates are : for taking out quantities, $2\frac{1}{4}$ per cent. ; on variations, extras, $2\frac{1}{4}$ per cent. ; omissions, $1\frac{1}{4}$ per cent. ; lithography and travelling expenses extra.

*On Amount of Settlement, whether by Verdict,
Award, or otherwise.*

RYDE'S SCALE.

Ryde's
Scale.

Amnt.	Gs.	Amnt.	Gs.	Amnt.	Gs.	Amnt.	Gs.	Amnt.	Gs.	Amnt.	Gs.
£		£		£		£		£		£	
100	5	1200	19	3200	29	5200	39	7200	49	9200	59
200	7	1400	20	3400	30	5400	40	7400	50	9400	60
300	9	1600	21	3600	31	5600	41	7600	51	9600	61
400	11	1800	22	3800	32	5800	42	7800	52	9800	62
500	13	2000	23	4000	33	6000	43	8000	53	10000	63
600	14	2200	24	4200	34	6200	44	8200	54	11000	68
700	15	2400	25	4400	35	6400	45	8400	55	12000	73
800	16	2600	26	4600	36	6600	46	8600	56	14000	83
900	17	2800	27	4800	37	6800	47	8800	57	16000	93
1000	18	3000	28	5000	38	7000	48	9000	58	18000	103
										20000	113

Beyond this, Half-a-Guinea per cent.

This scale is exclusive of attendances on juries or umpires, or at arbitrations, and also of expenses and preparation of plans.

Travelling and out-of-pocket ex- penses in all cases are payable by client	{	<i>In addition to above charges.</i>	Travelling and out- of-pocket expenses.
At signing of contract.. .. .	{	<i>Two- thirds.</i>	Method of payment
During progress	{	<i>The remainder by instal- ments.</i>	

ASSESSMENTS. See SURVEYORS' FEES.

COMPENSATION CLAIMS. See SURVEYORS' FEES.

DANGEROUS STRUCTURES.

The fees payable to District Surveyors are specified in the London Building Acts (Amendment) Act, 1905, Part II., as under:—

ON DANGEROUS STRUCTURES.

On each dangerous structure—

Where there are not more than four adjoining, or nearly contiguous, structures in the same ownership:—

**Making
Survey
and Certi-
fying
Opinion
thereon.**

1. For making a survey of the structure reported as dangerous, and certifying opinion thereon:

If the structure do not exceed four squares in area and two storeys in height, 7s. 6d.

			£	s.	d.
If exceeding four squares	..	..	0	10	0
For every story above two	..	..	0	2	6

**Inspecting
Works and
reporting
progress.**

2. For each inspection and report as to completion or progress of works

0 5 0

**Inspecting
before
Summons
and
attending
Court.**

3. For inspecting before the hearing of the summons against owner and attending court to give evidence:

If one structure only 0 10 0

If more than one (for each structure) 0 5 0

4. For ditto, ditto, against occupier (the owner having failed to comply), and attending ditto

same
fees

**Adjourn-
ment of
Summons.**

5. For every adjournment of the summons

0 5 0

**Superin-
tending
Shoring,
Hoarding,
etc.**

6. For superintending the erection of shoring (including needling) and hoarding, whether done by the Council or not, and for certifying the account for same when done by the council

0 10 0

**Shoring
without
Hoarding,
or vice
versa.**

7. For shoring without hoarding or hoarding without shoring, and certifying the account

0 7 6

£ s. d.

8. For supervision, including the report of the officer in cases where it is necessary for the Council to execute works to insure the safety of the public under an order made by a court	0	5	0	Super vision. Where Council are obliged to execute works. Where more than four ad-joining Structures in same Ownership.
Where there are more than four adjoining, or nearly contiguous, structures in the same ownership:—				
For Nos. 2, 3 and 4 in the above table	0	4	0	
For No. 5	0	2	6	
For No. 8	0	4	0	

DILAPIDATIONS. See ARCHITECTS' CHARGES.

DISTRICT SURVEYORS' FEES.*

LONDON COUNTY COUNCIL (GENERAL POWERS) ACT, 1928.

First Schedule.

(A) On exempted buildings.

For making a survey when reasonably necessary for the purpose of ascertaining whether a building or structure or an external addition to a building or structure is exempt from the provisions of Part VI. or Part VII. of the principal Act, and whether or if so exempt it infringes any other provision of that Act	£	s.	d.
	0	10	0

Provided that this fee shall not be payable in respect of a building or structure or an external addition to a building or structure which on survey (i) is ascertained not to be exempt from the provisions of the said Part VI. or Part VII., or (ii) although so exempt is ascertained to be of a cubical extent not exceeding 200 cubic feet.

(B) On new buildings (except buildings exempt from the provisions of Part VI. and VII. of the principal Act and new buildings referred to in the Third Schedule to this Act).

In respect of a building of a cubical extent not exceeding 5,000 cubic feet:—

Not exceeding 500 cubic feet	0	10	0
Exceeding 500 cubic feet but not exceeding 2,000 cubic feet	1	0	0
Exceeding 2,000 cubic feet but not exceeding 5,000 cubic feet	1	10	0

In respect of a building of a cubical extent exceeding 5,000 cubic feet the following fees together with an additional sum of £1 10s.:—

For every 1,000 cubic feet and also for any fractional part of 1,000 cubic feet up to an aggregate cubical extent of 1,000,000 cubic feet	0	1	0
For every 1,000 cubic feet beyond the first 1,000,000 cubic feet and also for any fractional part of 1,000 cubic feet ..	0	0	6

Provided that when two or more dwelling houses each being of a cubical extent exceeding 5,000 cubic feet are erected by one builder or owner at the same time in the

same street or under the same scheme the additional sum £ s. d.
shall be:—

For the first of such buildings	1	10	0
For each additional buildings	1	0	0

(C) On wooden and temporary structures.

For inspection of any wooden structure or for inspection of any structure or erection put up on a public occasion the same amount as for new building calculated on the cubical extent of the structure or erection without any reference to the extent of any building to which it may be attached or in or on which it may be put up.

(D) On additions, alterations and other works to which the principal Act applies (except additions, alterations or other works to or on buildings or structures exempt from the provisions of Parts VI. and VII. of the principal Act and additions, alterations and other works referred to in the Third Schedule to this Act).

For every addition, alteration or other work made or done to or on any building or structure after the completion of the building or structure:—

When the cost does not exceed £5	0	10	0
When the cost exceeds £5 but not £10	0	15	0
" " " £10	1	0	0
" " " £25	1	0	0
" " " £25	1	10	0
" " " £50	2	0	0
" " " £75	2	10	0
" " " £100	2	10	0

When the cost exceeds £100 but not £1,000 for the first £100 the sum of £2 10s., and for every £100 beyond the first £100 and also for any fractional part of £100 0 10 0

When the cost exceeds £1,000 for the first £1,000 the sum of £7, and for every £100 beyond £1,000 and also for any fractional part of £100 0 2 6

Provided that—

(1) When the addition, alteration or other work is carried out as a result of a notice served under section 106 of the principal Act without the necessity of a complaint being made to a petty sessional court and the cost thereof does not exceed £5 no fee shall be payable in respect thereof;

(2) When the addition, alteration or other work is carried out as a result of a notice served under section 106 of the principal Act or under an order of a petty sessional court and the cost thereof exceeds £5, the fee payable shall be reduced by the amount of the fee payable under item 2 of paragraph (a) of Part II. of this schedule for an inspection and report as to the completion of the works when such inspection is coincident with any other inspection made by the District Surveyor in connection with his supervision of an addition, alteration or other work under the London Building Acts, 1894 to 1923;

(3) No fee shall exceed the fee payable in respect of a new building calculated on the cubical extent of the building as altered, and in the case of an addition, alteration or other work made or done to or on one or two or more existing buildings which have been united each building shall be deemed a separate building for the purpose of calculating the maximum fee, and in the case of an addition, alteration or other work made or done to or on one section or division of an existing building which has been planned in separate sections or is in distinct divisions each section or division of the building shall be deemed a separate building for such purpose.

(E) On public buildings (except public buildings to which the provisions of the London County Council (General Powers) Act, 1909, apply).

The fees payable shall be those payable under heading (B) or heading (D) (as the case may be) of this part of this Schedule with the addition of fifty per centum of the respective amounts of such fees. £ s. d.

(F) On shafts and chimney breasts (except shafts and chimney breasts to which the provisions of Part VI. and VII. of the principal Act do not apply).

On the construction of a furnace chimney shaft or similar shaft for ventilation or other purpose in addition to the fees payable for any other operation in progress at the same time—

Not exceeding 10 ft. in height	..	..	..	..	0	10	0
Exceeding 10 ft. and not exceeding 20 ft.	..	..	..	..	1	0	0
„ 20 ft. „ 30 ft.	..	..	..	..	1	10	0
„ 30 ft. „ 75 ft.	..	..	..	..	3	0	0
„ 75 ft. „ 100 ft.	..	..	..	..	4	0	0

Exceeding 100 ft.:

For the first 100 ft. the sum of £4, and for every 10 ft. beyond 100 ft., and also for any fractional part of 10 ft. 0 10 0

Provided that in respect of a reinforced concrete shaft the fee shall be two and one-half times the fee payable according to the foregoing scale.

On examining and certifying that a chimney breast in a party wall may or may not be cut away 0 15 0

(G) On certifying plans.

(a) For examining and certifying plans under section 43 of the principal Act—

A fee equal to one-half of the amount of the fee specified in this part of this Schedule in respect of the erection of a new building of the same cubical extent as that of the building to which the plans relate with a minimum fee per building of 2 0 0

(b) For examining and certifying plans under section 13 of the principal Act.

(1) If the external wall of a building or structure wholly abuts on the roadway and the length of such wall does not exceed 40 ft.: or

(2) If the external wall of the building or structure abuts in part on the roadway and there is a forecourt or other space between a portion of the external wall and the roadway and the aggregate length of so much of the external wall as abuts on the roadway and of the external fence or boundary of such forecourt or other space abutting on the roadway does not exceed 40 ft.; or

(3) If no portion of the external wall of the building or structure abuts on the roadway, but there is a forecourt or other space between the external wall and the roadway, and the length of the external fence or boundary of such forecourt or other space abutting on the roadway does not exceed 40 ft. a fee of 2 0 0

If any length or aggregate length, as the case may be, exceeds 40 ft.—

The sum of £2, and in addition for every 20 ft. of such length or aggregate length beyond 40 ft., and also for any fractional part of such length or aggregate length of 20 ft. 0 10 0

Provided that if plans submitted at any one time under the said section 13 to the District Surveyor include two or more adjoining or nearly continuous buildings or structures, and the District Surveyor certifies such plans or so much of such plans as includes more than one of such buildings or structures the buildings or structures to which the certified plans relate shall for the purpose of calculating the fee payable be deemed to be one building or structure.

(c) For examining and certifying plans under both the said £ s. d.
sections of the principal Act—

A fee equal to (i) the amount of the fee payable under the foregoing paragraph (a), and (ii) one-half of the amount of the fee payable under the foregoing paragraph (b).

(H) For special services.

For attending at Court when an order is made for complying with a notice of irregularity 0 10 0

For services relating to the erection of buildings on low-lying lands per building 0 5 0

On dangerous structures.

(See DANGEROUS STRUCTURES.)

HOARDINGS AND SCAFFOLDS. In the City of London.

REGULATIONS AND FEES.

	<i>For Hoards.</i>	s. d.
Hoards.	If to remain not more than 2 weeks } per foot lineal of frontage }	0 6
	If over 2 weeks, and not more than 4 } weeks per foot lineal }	1 6
	If over 4 weeks, and not more than } 8 weeks per foot lineal }	4 6
	If over 8 weeks, and not more than } 12 weeks }	9 0
	For every month, or part of a month, } beyond the 12 weeks, per foot lineal }	5 0
	<i>For Scaffolds.</i>	
Scaffolds.	If to remain not more than 2 weeks } per foot lineal }	0 4
	If more than 2 weeks, and not more } than 4 weeks . . per foot lineal }	1 0
	If more than 4 weeks, and not more } than 8 weeks . . per foot lineal }	3 0
	If more than 8 weeks, and not more } than 12 weeks . . per foot lineal }	6 0
	If more than 12 weeks, and not more } than 16 weeks . . per foot lineal }	10 0
	For every month, or part of a month } beyond 16 weeks per foot lineal }	5 0
	No fee either for hoard or scaffolding to be more than £10.	

QUANTITY SURVEYORS' CHARGES.

For taking out quantities on cost of building, $2\frac{1}{2}$ per cent. on estimated cost of work up to £10,000.
2 per cent. on remainder.

On variations, extras, $2\frac{1}{2}$ per cent.

Omissions, $1\frac{1}{2}$ per cent.

Lithography and travelling expenses extra.

SANITARY SURVEYS. See SURVEYORS' FEES.

SCAFFOLDS. See HOARDINGS.

SHORING, Fees for Licences for.

FEES FOR LICENCES. *For Raking Shores.*

	£	s.	d.	
If to remain not more than 2 weeks ..each	0	5	0	Licences.
If more than 2 weeks, and not more than 4 weeks .. .. .each	0	15	0	
If more than 4 weeks, and not more than 8 weeks .. .. .each	2	0	0	
If more than 8 weeks, and not more than 12 weeks .. .. .each	4	0	0	
For every month, or part of a month, beyond 12 weeks.. .. .each	0	5	0	

SURVEYORS' FEES.

For the sale of freehold and copyhold estates and ground leases by private contract, on 1st £100 ..	5 per cent.	Sale of Estates, etc., and negotiations.
Up to £5000	2½ „	
On residue above £5000	1½ „	
For negotiating the purchase of estates	1 „	

For selling or letting building land in lots—on purchase money..

5 per cent.
or amount
of 1 year's
ground
rent, or by
agreement.

For surveying and valuing, etc., for dilapidations, mortgages, etc., etc., quantity surveyor's fees, sanitary surveyor's estate work, see ARCHITECTS' CHARGES.

“Ryde's” Scale (sometimes called “Clutton's”) is almost invariably followed by Railway Companies and other Corporations taking land compulsorily, in allowing the vendor his surveyor's costs; sometimes more, in cases of peculiar difficulty.

Compensation Claims. Ryde's Scale.

This scale is also used in taxing costs against the Company after a reference or an inquisition before a jury.

£	Gs.	£	Gs.	£	Gs.	£	Gs.
100	5	2,200	24	5,200	39	8,200	54
200	7	2,400	25	5,400	40	8,400	55
300	9	2,600	26	5,600	41	8,600	56
400	11	2,800	27	5,800	42	8,800	57
500	13	3,000	28	6,000	43	9,000	58
600	14	3,200	29	6,200	44	9,200	59
700	15	3,400	30	6,400	45	9,400	60
800	16	3,600	31	6,600	46	9,600	61
900	17	3,800	32	6,800	47	9,800	62
1,000	18	4,000	33	7,000	48	10,000	63
1,200	19	4,200	34	7,200	49	11,000	63
1,400	20	4,400	35	7,400	50	12,000	73
1,600	21	4,600	36	7,600	51	..	..
1,800	22	4,800	37	7,800	52	..	..
2,000	23	5,000	38	8,000	53	..	..

Parochial Assessments.

This scale applies to occasional assessments of the annual value of hereditaments which have to be made for Overseers, Assessment Committees, and Ratepayers; each hereditament being charged a separate fee. When a whole parish or district is assessed, a charge of $1\frac{1}{4}$ per cent. on the total gross assessments is made.

Amount of Gross Assessments.		Fee.	Amount of Gross Assessments.		Fee.
Not exceeding £100		5 Gns.	Not exceeding £1,100		21 Gns.
"	200	9 "	"	1,200	22 "
"	300	12 "	"	1,300	23 "
"	400	14 "	"	1,400	24 "
"	500	15 "	"	1,500	25 "
"	600	16 "	"	1,600	26 "
"	700	17 "	"	1,700	27 "
"	800	18 "	"	1,800	28 "
"	900	19 "	"	1,900	29 "
"	1,000	20 "	"	2,000	30 "
Above £2,000 up to £5,000			{ Add One Guinea to the last-mentioned fee for every additional £100. 1¼ per cent.		
Above £5,000					

FIRE INSURANCE. Rates of Premium for Buildings.

The following rates are for buildings of good construction and without contiguous hazardous risks:—

	Per cent.	
	s.	d.
Buildings, during erection, for 3 months	0	8
Ditto, 6 months	1	1
Ditto, 9 months	1	4
Ditto, 9 to 12 months	1	6
Dwelling houses, private	1	6
Farmhouses		
Churches and Chapels		
Hospitals		
<i>per annum</i>		
Bakers, Bookbinders, Butchers, Cheese- mongers, Chemists, Confectioners, China and Glass, Ironmongers, Jewel- lers, Opticians, Painters, Pawnbrokers, Plumbers, Provision Stores, Publicans, Saddlers, Stationers, Tailors,	2	0
<i>per annum, from</i>		
Farm buildings, <i>per annum, from</i>	3	0
Drapers, Furnishers, and Upholsterers	3	6
<i>per annum from</i>		
Builders and Carpenters	5	0

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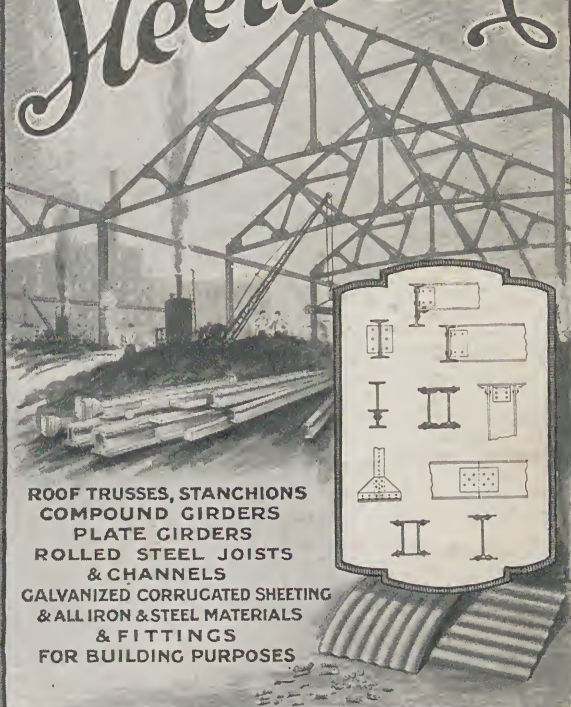
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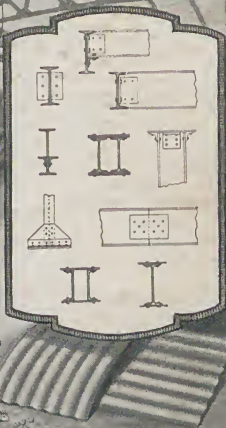
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